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# MINI-PC PRODUCT GUIDE

Mighty Power. Compact Versatile. Endless Possibilities  
Supporting Intelligent Business Ideas

**2H2026 Vol.01**

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# MINI PCS FOR MODERN WORKSPACES

Compact, Versatile, AI-Ready Productivity

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## ABOUT SHUTTLE

Established in 1983, Shuttle is a leading provider of commercial mini-PCs and industrial PCs. With over four decades of hardware innovation history, the company offers dependable and efficient mini-PC and embedded solutions for applications such as Machine Learning, AI, Edge Computing, and Embedded systems.

Shuttle's product lineup encompasses Mini PCs, Embedded Box PCs, Edge computers, HMI/Touch Panel PCs, All-In-One units, and Kiosks, specifically designed for IoT applications such as digital signage, self-service kiosks, surveillance, and automation control.

In response to the continuous advancements in AI and IoT technologies, Shuttle is committed to enhancing its AI PC solutions to address evolving market needs, with a focus on reliability, durability, and performance across diverse industries.



FACTORY

MACHINE VISION

TRAFFIC FLOW ANALYTICS

TRANSPORTATION

DIGITAL MENU BOARD

RETAIL STORES

POSTERMINAL

RESTAURANT CATERING

AIRPORT

SELF-SERVICE CHECK-IN

MINI WORKSTATION

CORPORATION

SECURITY CONTROL ROOM

SURVEILLANCE / NVR

HEALTHCARE

INTERACTIVE INFORMATION DISPLAY

OUT-OF-HOME

DIGITAL SIGNAGE

# APPLICATIONS



# Mini PC Portfolio Overview

Flexible, Scalable, and Ready for Diverse Deployment Needs

## XPC Cube <sup>14L</sup> | High-expandability desktop |

### Performance-intensive workloads

- Supports desktop-class processors for flexible system configuration
- Supports discrete graphics cards (GPU-ready)
- High storage expandability (Up to four 3.5" HDDs, M.2 SSD, RAID support)
- Efficient and low-noise cooling design with Shuttle I.C.E. heatpipe technology
- PCIe expansion capability
- Workstation-level performance

## XPC Slim <sup>4L/5L</sup> | Compact expandable system |

### System integration & customization

- Supports desktop-class processors for flexible system configuration
- PCIe slot for add-on cards
- Legacy connectivity (COM, dual LAN)
- Dual / Triple display
- Ideal for vertical integration
- Flexible storage and expansion options

## XPC Slim <sup>1L</sup> | Ultra-compact performance PC |

### For space-constrained environments

- Supports up to quad display
- Supports desktop-class processors for flexible system configuration
- Balanced performance and size
- Rich I/O connectivity
- 24/7 operation ready

## XPC Slim <sup>Fanless</sup> | Fanless compact system |

### Silent and low-maintenance deployment

- Fanless cooling design
- Maintenance-free operation
- Energy-efficient platform
- Reliable 24/7 performance

## XPC Nano <sup>0.6-1L</sup> | Ultra-small form factor |

### Edge computing & distributed deployment

- Ultra-compact footprint
- Low power consumption
- Multi-display capability
- Flexible mounting options

## XPC All-in-One | Integrated touch system |

### Designed for interactive applications

- Capacitive/resistive touch display
- Fanless operation
- Integrated all-in-one design
- Ideal for kiosk, POS, and HMI

## Key Advantages

- Wide range of form factors from 0.6L to 14L
- Support for 24/7 operation across product lines
- Flexible expansion and deployment options
- Designed for reliability and long lifecycle deployment

## Mini PC Selection at a Glance

### Performance Requirements

- High-performance / GPU-intensive workloads ▶ XPC Cube
- Expansion-focused, balanced performance workloads ▶ XPC Slim 4L / 5L
- Space-optimized, balanced performance workloads ▶ XPC Slim 1L | Nano

### Deployment Space

- Standard workspace ▶ XPC Cube | Slim 4L / 5L
- Space-constrained environments ▶ XPC Slim 1L | Fanless
- Ultra-compact deployment ▶ XPC Nano

### Operating Environment

- Noise- or dust-sensitive environments ▶ XPC Fanless
- Interactive applications ▶ XPC All-in-One
- Distributed or edge deployment ▶ XPC Nano



# Purpose-Built AI Platforms

## For Real-World Applications

From smart kiosks and NVR systems to medical displays and industrial control, Shuttle AI platforms are designed to integrate seamlessly into real-world environments—delivering reliable, on-site AI processing where it matters most.

### Built for System Integration and Scalable AI Performance

- Compact NPU-enabled systems for low-power, real-time AI inference
- Expandable platforms with GPU support for high-performance AI workloads
- Flexible deployment across kiosks, NVR systems, medical displays, industrial control, and smart retail

### AI Workload Distribution Across Processors

#### CPU | System Control & General Processing

Handles system operations and sequential workloads

#### GPU | Parallel Processing & Visual Computing

Accelerates image processing, computer vision, and AI workloads

#### NPU | Power-Efficient AI Inference ( On Selected Models )

Optimized for neural network processing with low latency and reduced power consumption

XPC CUBE

## High-Performance Compact Cube For Workstation and Server-grade Workloads

The Shuttle XPC Cube delivers workstation-grade performance and flexible expandability in a chassis just one-third the size of a traditional desktop.

Supporting high-performance processors, versatile storage, and professional expansion cards, it enables system integrators to build tailored solutions for industrial and data-intensive applications, including edge computing, commercial deployments, and mini server environments.





# SB860R8

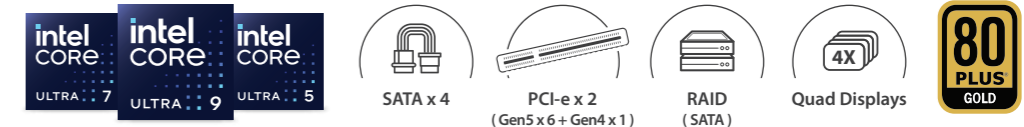
## HIGH-PERFORMANCE MINI WORKSTATION PC

Built for Configurability and Project Deployment

The Shuttle SB860R8 is a compact, high-performance Cube PC based on the Intel® B860 chipset, engineered to provide workstation-level computing power. It supports the latest Intel® Arrow Lake-S processors with up to 125W TDP, delivering strong performance for demanding tasks.

This model includes an advanced cooling system, supports up to four displays, and offers a wide range of expansion options such as PCIe Gen5 x16 for high-end GPU support, PCIe Gen4 x 4, two M.2 slots, four SATA 6Gb/s ports, and dual 2.5GbE network connections.

Targeted at system integrators and enterprise users, the SB860R8 is well-suited for mini server setups, edge computing, and professional applications that require high CPU power, graphics expansion, and dependable connectivity.



### Features

- Support Intel® Core™ Ultra 9/7/5 200S Series Processors
- Superior expansion with PCIe Gen5 x16 and Gen4 x 4 slots for high-end graphics/add-in cards
- Maximum storage flexibility with 4 x SATA 6Gb/s ports plus SATA RAID (0,1,5,1+0 mode) support
- Professional-grade 500W 80PLUS Gold Flex ATX power supply
  - Dual 2.5GbE LAN for high-speed networking
- Advanced Shuttle Tower Module cooling system with FAN + heat-pipe thermal design
- Quad independent displays via 2 x HDMI 2.1 (1 x supports 8K) and 2 x DisplayPort 1.4a



AI PC

## SB860R8

Processor	Intel® Core™ Ultra 200S series processors ( Arrow Lake, LGA1851 ), up to 125W TDP
Chipset	Intel® B860
Graphics	Intel® Graphics
Display Resolution Max.	<b>HDMI 2.1</b> : 7680 × 4320@60Hz <b>DisplayPort 1.4a</b> : 4096 × 2160@120Hz
Display Output	4 Independent Displays
Video Decoder	MPEG2, AVC / H.264, JPEG / MJPEG, HEVC / H.265, VP9, AV1
Memory	4 × DDR5 5600 MT/s, Max. 192GB
Storage	4 × 3.5" HDD / 1 × M.2 2280, M-Key ( PCIe 5.0 x4 NVMe ) 1 × M.2 2280, M-Key ( PCIe 4.0 x4 NVMe )
RAID	0, 1, 5, 10 ( SATA only )
Expansion Slot	<b>PCI Express Slots</b> 1 × PCIe 5.0 x16 / 1 × PCIe 4.0 x4
Audio	HD 5.1 channel
HDMI Port	2
DisplayPort	2
VGA Port	-
USB 3.2 (Front)	<b>Gen 1</b> : 2 ( Include Type-C x1 )
USB 3.2 (Rear)	<b>Gen 2</b> : 4
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	1 ( Optional )
Line in/ Line out/Mic in	1 / 2 / 2
Network	<b>LAN</b> : 2 × Intel® 2.5GbE LAN <b>WLAN</b> : 1 × M.2 2230, E-Key ( Optional )
Dimension	L : 332 × W : 216 × H : 198 mm
Weight	<b>NW (kg)</b> : 3.9 / <b>GW (kg)</b> : 5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature(°C)	0~40
Chassis	Aluminum
Power Supply	500W 80plus Gold Flex ATX
Operating System	Windows 11 64bit, Linux
Optional Accessories	WLN-M, PHD3



## SW580R8

Processor	Intel® Xeon® W-1000 series and 11 <sup>th</sup> /10 <sup>th</sup> Gen Core™, Pentium®, and Celeron® processors ( LGA1200 ), up to 125W TDP
Chipset	Intel® W580
Graphics	Intel® UHD Graphics series
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 × 2160@60Hz <b>DisplayPort 1.4a</b> : 4096 × 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	4 × DDR4 3200/2933/2666 MT/s, Max. 128GB ( ECC DRAM support with Xeon )
Storage	4 × 3.5" HDD / 1 × M.2 2280, M-Key ( PCIe 4.0 x4 NVMe / SATA ) 1 × M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
RAID	0, 1, 5, 10
Expansion Slot	<b>PCI Express Slots</b> : 1 × PCIe 4.0 x16 / 1 × PCIe 3.0 x4
Audio	HD 5.1 channel
HDMI Port	1
DisplayPort	2
VGA Port	-
USB 3.2 (Front)	<b>Gen 1</b> : 4 ( Include Type-C x1 )
USB 3.2 (Rear)	<b>Gen 2</b> : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	4
COM Port	1 ( Optional )
Line in/ Line out/Mic in	1 / 2 / 2
Network	<b>LAN</b> : 2 × Intel® 1GbE LAN / 2 × Realtek 2.5GbE LAN <b>WLAN</b> : 1 × M.2 2230, E-Key ( Optional )
Dimension	L : 332 × W : 216 × H : 198 mm
Weight	<b>NW (kg)</b> : 3.5 / <b>GW (kg)</b> : 5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature(°C)	0~40
Chassis	Aluminum
Power Supply	500W 80plus Gold Flex ATX
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M, PHD3



## SH570R8

Processor	Intel® 11 <sup>th</sup> /10 <sup>th</sup> Gen Core™ i3/i5/i7/i9, Pentium®, and Celeron® processors ( LGA1200 ), up to 125W TDP
Chipset	Intel® H570
Graphics	Intel® UHD Graphics series
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 × 2160@60Hz <b>DisplayPort 1.4a</b> : 4096 × 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	4 × DDR4 3200/2933/2666 MT/s, Max. 128GB
Storage	4 × 3.5" HDD 1 × M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
RAID	0, 1, 5, 10
Expansion Slot	<b>PCI Express Slots</b> : 1 × PCIe 4.0 x16 / 1 × PCIe 3.0 x4
Audio	HD 5.1 channel
HDMI Port	1
DisplayPort	2
VGA Port	-
USB 3.2 (Front)	<b>Gen 1</b> : 4 ( Include Type-C x1 )
USB 3.2 (Rear)	<b>Gen 2</b> : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	4
COM Port	1 ( Optional )
Line in/ Line out/Mic in	1 / 2 / 2
Network	<b>LAN</b> : 2 × Intel® 1GbE LAN <b>WLAN</b> : 1 × M.2 2230, E-Key ( Optional )
Dimension	L : 332 × W : 216 × H : 198 mm
Weight	<b>NW (kg)</b> : 3.5 / <b>GW (kg)</b> : 5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature(°C)	0~40
Chassis	Aluminum
Power Supply	500W 80plus Gold Flex ATX
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M, PHD3



## Scalable Compact Platforms

### Balancing Performance and Expansion for Edge Computing

The XPC Slim 4L / 5L series features a modern, space-efficient design that balances compact size with enhanced performance and expandability, making it suitable for demanding AIoT and embedded applications.

With versatile configuration options, rich I/O, and reliable operation, it is ideal for kiosks, digital signage, industrial control, and edge computing deployments.

*XPC SLIM 4L-5L*



# XZ890G2

## HIGH PERFORMANCE AI EXPANSION PLATFORM

Built for Multi-Card and Edge Intelligence

The Shuttle XZ890G2 is a 5L high-performance platform built for AI and multi-card expansion. Powered by Intel® Core™ Ultra ( Arrow Lake-S ) Processors with the Z890 chipset, it supports dual DDR5-5600 memory and dual PCIe Gen5 x 8 slots for high-bandwidth configurations.

It enables flexible integration of GPUs, capture cards, and AI accelerators, delivering scalable performance for compute-intensive workloads. With triple-display output, rich I/O, and versatile M.2 expansion, it supports complex system integration.

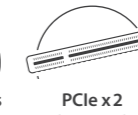
Ideal for AI inference, machine vision, and live production environments requiring multi-card scalability and high data throughput.



DDR5



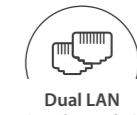
Triple Displays



PCIe x2  
(Gen5 x 8)



M.2 Storage x 3



Dual LAN  
(2.5GbE + 1GbE)

### Features

- Intel® Core™ Ultra 9/7/5 200S series processors with integrated NPU, up to 65W TDP
- Triple displays via 2 x HDMI ( 2.1 + 2.0 ) and DisplayPort 1.4a, supporting up to 8K resolution ( HDMI 2.1 )
- Dual PCIe Gen5 x 8 slots enabling multi-card expansion for GPU, capture, AI accelerator, network cards and so on
- 3 x M.2 2280 M-key slots ( NVMe/SATA )
- Dual Intel® Ethernet : 1 x 2.5GbE + 1 x 1GbE LAN
- 2 x USB 3.2 Gen2, 4 x USB 3.2 Gen1 ( including 1 x Type-C ), 2 x USB 2.0

# XB860G2



## GPU OPTIMIZED COMPACT PLATFORM

Designed for Graphics and Visual Computing Workloads

The Shuttle XB860G2 is a 5L form factor PC optimized for GPU expansion and visual computing. It runs on Intel® Core™ Ultra ( Arrow Lake-S ) Processors with the B860 chipset, offering dual-channel DDR5-5600 memory support and dual PCIe slots ( Gen5 x16 + Gen4 x1 ) for GPU and add-on expansion.

It delivers enhanced graphics processing and compute capability, with triple-display output, flexible M.2 storage, dual LAN, and rich I/O connectivity for diverse configurations.

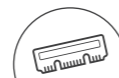
It's a great choice for digital signage, visual analytics, and surveillance systems that need solid GPU power along with dependable display performance.



DDR5



Triple Displays

PCIe x2  
(Gen5 x16 + Gen4 x1)

M.2 Storage x 3

Dual LAN  
(2.5GbE + 1GbE)

## Features

- Intel® Core™ Ultra 9/7/5 200S series processors with integrated NPU, up to 65W TDP
- Triple displays via 2 x HDMI ( 2.1 + 2.0 ) and DisplayPort 1.4a, supporting up to 8K resolution ( HDMI 2.1 )
- PCIe Gen5 x16 + PCIe Gen4 x1 slots ( via IO016 riser card ), supporting dual-slot cards up to 75W
- 3 x M.2 2280 slots ( NVMe/SATA ) + 1x M.2 2230 ( PCIe, SATA, USB ) for storage and connectivity
- Dual Intel® Ethernet :  
1 x 2.5GbE and 1 x 1GbE LAN
- 2 x USB 3.2 Gen2, 4 x USB 3.2 Gen1 ( including 1 x Type-C ), 2 x USB 2.0

## XH810G



## BALANCED PERFORMANCE IN COMPACT FORM

Flexible Expansion for Commercial Deployments

The Shuttle XH810G is a compact 4-liter system built for balanced performance and single-card expansion. It features Intel® Core™ Ultra ( Arrow Lake-S ) processors paired with the H810 chipset, supports DDR5-5600 memory, and includes a PCIe Gen5 slot that accommodates expansion cards up to 75W.

The model offers reliable performance with an efficient cooling design, supports triple displays, and provides versatile connectivity options suited for commercial use. It is well-suited for applications such as digital signage, media capture, and business setups that need moderate graphics power and a space-saving design.

### Features

- Intel® Core™ Ultra 9/7/5 200S series processors with integrated NPU, up to 65W TDP
- Triple displays via 2 x HDMI (2.1 + 2.0) and DisplayPort 1.4a, supporting up to 8K resolution ( HDMI 2.1 )
- Dual Intel® Ethernet : 1 x 2.5GbE + 1 x 1GbE LAN
- 2 x M.2 2280 M-Key ( NVMe/SATA ) + 1 x M.2 2230 E-Key ( PCIe Gen4 x1, USB2.0, Intel CNVi or WLAN-M modules )
- PCIe Gen5 x16 slot ( via IO015 expansion card ), supporting single-slot expansion cards up to 75W
- 2 x USB 3.2 Gen2, 2 x USB 3.2 Gen1 ( including 1 x Type-C ), 4 x USB 2.0 ports



# XH810

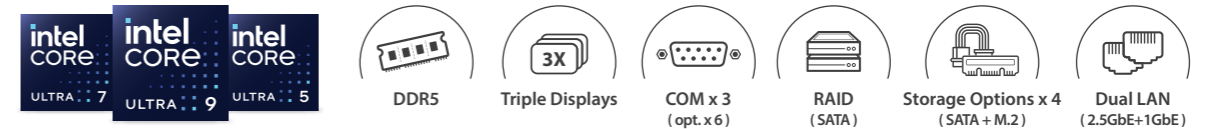
## RELIABLE FOR INDUSTRIAL CONTROL APPLICATIONS

Enhanced Connectivity for Automation Environments

The Shuttle XH810 is a 4-liter mini-PC built for industrial control and device connectivity. Equipped with Intel® Core™ Ultra (Arrow Lake-S) processors and the H810 chipset, it supports DDR5-5600 memory and ensures stable performance for continuous use.

It offers expansion options for up to 6 COM ports, facilitating connection with industrial machinery, and includes dual LAN ports, SATA storage, and support for three displays.

This system is perfect for automation, factory management, and embedded applications that demand dependable connectivity and long-lasting stability.



### Features

- Intel® Core™ Ultra 9/7/5 200 series processors with integrated NPU, up to 65W TDP
- Built-in support for 2.5"/3.5" SATA storage devices with dedicated power connector
- Dual Intel® Ethernet : 1 x 2.5GbE + 1 x 1GbE LAN
- Default 1 x RS-232/422 and 2 x RS-232; expandable via PCM31 kit with 3 additional RS-232 ports
- Triple displays via 2 x HDMI (2.1 + 2.0) and DisplayPort 1.4a, supporting up to 8K resolution (HDMI 2.1)
- 2 x USB 3.2 Gen2, 2 x USB 3.2 Gen1, and 4 x USB 2.0 ports

## AI PC

## XZ890G2



Cooling system	Smart fan
Processor	Intel® Core™ Ultra 200S series processors (Arrow Lake, LGA1851), up to 65W TDP
Chipset	Intel® Z890
Graphics	Intel® Graphics Series
Display Resolution Max.	<b>HDMI 2.1</b> : 7680 × 4320@60Hz <b>DisplayPort 1.4a</b> : 4096 × 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, AVC / H.264, JPEG / MJPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MT/s, Max. 128GB
Storage	1 x M.2 2280, M-Key (PCIe 4.0 x 4 NVMe / SATA) 1 x M.2 2280, M-Key (PCIe 4.0 x 4 NVMe / WWN04) 1 x M.2 2280, M-Key (PCIe 5.0 x 4 NVMe)
RAID	-
Expansion Slot	2 x PCIe 5.0 x 8 (PCIe card size Max 205 x 120 x 45mm)
HDMI Port	2
DisplayPort	1
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2 / Gen2 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	-
COM Port	-
Line in/ Line out/Mic in	- / 1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key (Optional)
VESA	Bracket included
Dimension	<b>L</b> : 250 x <b>W</b> : 200 x <b>H</b> : 95 mm
Weight	<b>NW (kg)</b> : 1.9 / <b>GW (kg)</b> : 3.5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19.5V/9.23A 180W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, PRC02, WLN-M, WWN04

## AI PC

## XB860G2



Cooling system	Smart fan
Processor	Intel® Core™ Ultra 200S series processors (Arrow Lake, LGA1851), up to 65W TDP
Chipset	Intel® B860
Graphics	Intel® UHD Graphics Series
Display Resolution Max.	<b>HDMI 2.1</b> : 7680 × 4320@60Hz <b>DisplayPort 1.4a</b> : 4096 × 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, AVC / H.264, JPEG / MJPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MT/s, Max. 128GB
Storage	1 x M.2 2280, M-Key (PCIe 4.0 x 4 NVMe / SATA) 1 x M.2 2280, M-Key (PCIe 4.0 x 4 NVMe / WWN04) 1 x M.2 2280, M-Key (PCIe 5.0 x 4 NVMe)
RAID	-
Expansion Slot	1 x PCIe 5.0 x 16 / 1 x PCIe 4.0 x 1 (PCIe card size Max 205 x 120 x 45mm)
HDMI Port	2
DisplayPort	1
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2 / Gen2 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	-
COM Port	-
Line in/ Line out/Mic in	- / 1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key (Optional)
VESA	Bracket included
Dimension	<b>L</b> : 250 x <b>W</b> : 200 x <b>H</b> : 95 mm
Weight	<b>NW (kg)</b> : 1.9 / <b>GW (kg)</b> : 3.5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19.5V/9.23A 180W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, PRC02, WLN-M, WWN04

## AI PC

## XH810G



Cooling system	Smart fan
Processor	Intel® Core™ Ultra 200S series processors (Arrow Lake, LGA1851), up to 65W TDP
Chipset	Intel® H810
Graphics	Intel® Graphics Series
Display Resolution Max.	<b>HDMI 2.1</b> : 7680 × 4320@60Hz <b>DisplayPort 1.4a</b> : 4096 × 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, AVC / H.264, JPEG / MJPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MT/s, Max. 128GB
Storage	1 x M.2 2280, M-Key (PCIe 4.0 x 4 NVMe / SATA) 1 x M.2 2280, M-Key (PCIe 4.0 x 2 NVMe / WWN04)
RAID	-
Expansion Slot	1 x PCIe 5.0 x 16 (PCIe card size Max 208 x 120 x 30mm)
HDMI Port	2
DisplayPort	1
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen2 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	-
Line in/ Line out/Mic in	- / 1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key (Optional)
VESA	Bracket included
Dimension	<b>L</b> : 250 x <b>W</b> : 200 x <b>H</b> : 76 mm
Weight	<b>NW (kg)</b> : 1.7 / <b>GW (kg)</b> : 3.3
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19.5V/9.23A 180W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, WLN-M, WWN04

## AI PC

## XH810



Cooling system	Smart fan
Processor	Intel® Core™ Ultra 200S series processors (Arrow Lake, LGA1851), up to 65W TDP
Chipset	Intel® H810
Graphics	Intel® Graphics Series
Display Resolution Max.	<b>HDMI 2.1</b> : 7680 × 4320@60Hz <b>DisplayPort 1.4a</b> : 4096 × 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, AVC / H.264, JPEG / MJPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MT/s, Max. 128GB
Storage	1 x 3.5" or 2 x 2.5" HDD/SSD 1 x M.2 2280, M-Key (PCIe 4.0 x 4 NVMe / SATA) 1 x M.2 2280, M-Key (PCIe 4.0 x 2 NVMe / WWN04)
RAID	0, 1, 5
Expansion Slot	-
HDMI Port	2
DisplayPort	1
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen2 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	2 x RS232 + 1 x RS232/422/485 / Optional Extra 3 x RS232
Line in/ Line out/Mic in	- / 1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key (Optional)
VESA	Bracket included
Dimension	<b>L</b> : 250 x <b>W</b> : 200 x <b>H</b> : 76 mm
Weight	<b>NW (kg)</b> : 1.9 / <b>GW (kg)</b> : 3.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19V/6.32A 120W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, WLN-M, WWN04, PCM31

## | XH610G2



Cooling system	Smart fan
Processor	Intel® 14 <sup>th</sup> /13 <sup>th</sup> /12 <sup>th</sup> Gen Core™ i3/i5/i7/i9, Pentium®, Celeron® LGA1700 CPU Max. TDP 65W
Chipset	Intel® H610
Graphics	Intel® UHD Graphics Series
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>DisplayPort 1.4</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) 1 x M.2 2280, M-Key ( PCIe 3.0 x 4 NVMe / SATA ) 1 x M.2 2280, M-Key ( SATA )
RAID	-
Expansion Slot	1 x PCIe 5.0 x 16 / 1 x PCIe 3.0 x 1 ( PCIe card size Max 205 x 120 x 45mm )
HDMI Port	2
DisplayPort	1
VGA Port	-
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	1 x RS232 ( Optional )
Line in/ Line out/Mic in	- / 1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	L : 250 x W : 200 x H : 95 mm
Weight	<b>NW (kg)</b> : 2.98 / <b>GW (kg)</b> : 3.49
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature(°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19.5V/9.23A 180W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, PRC02, WLN-M, WWN03

## | XH610G



Cooling system	Smart fan
Processor	Intel® 14 <sup>th</sup> /13 <sup>th</sup> /12 <sup>th</sup> Gen Core™ i3/i5/i7/i9, Pentium®, Celeron® LGA1700 CPU Max. TDP 65W
Chipset	Intel® H610
Graphics	Intel® UHD Graphics Series
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>DisplayPort 1.4a</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) 1 x M.2 2280, M-Key ( PCIe 3.0 x 4 NVMe / SATA ) 1 x M.2 2280, M-Key ( SATA )
RAID	-
Expansion Slot	1 x PCIe 5.0 x16 ( PCIe card size Max 208.5 x 120 x 30mm )
HDMI Port	2
DisplayPort	1
VGA Port	-
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	1 x RS232 ( Optional )
Line in/ Line out/Mic in	- / 1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	L : 250 x W : 200 x H : 78.5 mm
Weight	<b>NW (kg)</b> : 1.9 / <b>GW (kg)</b> : 3.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature(°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19.5V/9.23A 180W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, WLN-M, PS01

## | XH610



Cooling system	Smart fan
Processor	Intel® 14 <sup>th</sup> /13 <sup>th</sup> /12 <sup>th</sup> Gen Core™ i3/i5/i7/i9, Pentium®, Celeron® LGA1700 CPU Max. TDP 65W
Chipset	Intel® H610
Graphics	Intel® UHD Graphics Series
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz <b>DisplayPort 1.4a</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR4 3200/2933/2666 MT/s, Max. 64GB
Storage	2 x 2.5" HDD / SSD + 1 x slim ODD or 3 x 2.5" HDD / SSD 1 x M.2 2280, M-Key ( PCIe 3.0 x 4 NVMe / SATA )
RAID	-
Expansion Slot	-
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	1 x RS232 ( Max. 4 ), 1 x RS232 / 422 / 485, Support 5V / 12V
Line in/ Line out/Mic in	- / 1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	L : 241 x W : 200 x H : 72 mm
Weight	<b>NW (kg)</b> : 2.2 / <b>GW (kg)</b> : 3.5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature(°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19.5V/9.23A 120W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, WLN-M, PS01, PCM31, PHD4

## | XH510G



Cooling system	Smart fan
Processor	Intel® 11 <sup>th</sup> /10 <sup>th</sup> Gen LGA1200 socket Core™ i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H510
Graphics	Intel® UHD Graphics Series
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>DisplayPort 1.4</b> : 4096 x 2160@120Hz
Display Output	2 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	2 x DDR4 3200/2933/2666 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 12.5 mm ) 1 x M.2 2280, M-Key ( PCIe 3.0 x 4 NVMe / SATA ) 1 x M.2 2280, M-Key ( SATA )
RAID	-
Expansion Slot	1 x PCIe 3.0 x16 ( PCIe card size Max 208.5 x 120 x 30mm )
HDMI Port	1
DisplayPort	1
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	1 x RS232 ( Optional )
Line in/ Line out/Mic in	- / 1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	L : 250 x W : 200 x H : 78.5 mm
Weight	<b>NW (kg)</b> : 1.9 / <b>GW (kg)</b> : 3.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, VCCI, RoHS
Operating Temperature(°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19.5V/9.23A 180W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	PVG01, WLN-M, PS01



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## Space-efficient Mini-PCs

### Designed for Commercial and AI-enabled Deployments

Measuring just 4cm thick, the XPC slim 1L series features space-optimized engineering, delivering efficient performance in space-constrained environments. Multiple interfaces provide flexible expandability, while VESA mount compatibility ensures easy deployment in a wide range of locations. It's ideal for AIoT applications, digital signage, and embedded commercial applications.

XPC SLIM 1L

# DB860



## AI EDGE PERFORMANCE

### Quad Display and High-Speed Connectivity

The Shuttle DB860 is a compact 1.3L platform designed for AI-powered edge computing and multi-display setups. It runs on Intel® Core™ Ultra processors (Arrow Lake-S) with an integrated NPU, providing efficient AI inference and fast, responsive performance in a space-saving chassis.

With four independent display outputs, USB4 connectivity, and M.2 PCIe Gen5 storage support, the DB860 supports rapid data processing and flexible system integration. A full range of I/O features—including serial ports—makes it well suited for a variety of commercial and industrial environments.

The DB860 is a great fit for digital signage, retail analytics, automation control, and AI-driven video applications, offering a strong balance of performance, connectivity, and deployment flexibility in compact edge systems.

## Features

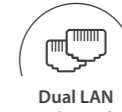
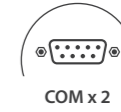
- Intel® Core™ Ultra 9/7/5 200S series processors, up to 65W TDP
- Quad independent displays via HDMI 2.1, HDMI 2.0, DisplayPort 1.4a, and USB Type-C
- 1 x USB4 (20Gbps), 4 x USB 3.2 Gen2 (including 1 x Type-C), 4 x USB 3.2 Gen1, and dual Intel® Ethernet
- 1 x RS-232 and 1 x RS-232/422/485 (optional PVG01 cable enables RS-232 to VGA conversion)
- M.2 PCIe 5.0 slot supporting next-generation NVMe high-speed storage devices
- Advanced thermal solution with heat pipes and dual smart fans, efficient cooling in compact 190 x 165 x 43 mm chassis



DDR5



Quad Displays

USB 4  
(Type-C)Dual LAN  
(2.5GbE + 1GbE)

COM x 2

RAID  
(SATA)

# DH810 / DH810S



DH810



DH810S



## BALANCED AI & VISUAL COMPUTING

### Compact AI Platform for Commercial Applications

The Shuttle DH810 is a compact 1.3L solution built to provide strong, well-balanced AI and visual computing performance. It features Intel® Core™ Ultra (Arrow Lake-S) processors with an integrated GPU and NPU, offering AI acceleration as well as reliable performance for commercial tasks.

With support for up to 128GB of DDR5 memory and three independent displays, the DH810 delivers smooth multitasking and flexible options for visual setups.

Thanks to its small size, dependable performance, and flexible connectivity, it's a great fit for digital signage, kiosks, and enterprise environments that need efficient AI inference capabilities.



DDR5



Triple Displays



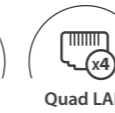
M.2 x 2

Dual LAN Option  
(DH810)USB 4  
(Type-C)RAID  
(SATA)

## Features

- Supports Intel® Core™ Ultra 9/7/5 200S series processors ( up to 65W TDP )
- Triple independent displays : HDMI 2.1 ( up to 8K@60Hz ) and 2 x DisplayPort 1.4a ( up to 4K@120Hz )
- 1 x M.2 2280 ( PCIe Gen 4 x 4 / SATA ) slot supporting high-speed storage devices; 1 x M.2 2230 for wireless expansion
- Supports up to 128GB DDR5-5600 memory
- Up to 1 x RS-232 and 1 x RS-232/422/485 serial ports ( DH810 ); optional PVG01 cable enables RS-232 to VGA conversion

## DN11H



## NETWORK OPTIMIZED AI PLATFORM

### Quad LAN and Multi-Display Support

The Shuttle DN11H is a 1.3L AI-ready platform optimized for network-intensive workloads. Powered by Intel® Core™ Ultra processors ( Meteor Lake ) with integrated Intel® Arc Graphics and NPU, it delivers up to 34 TOPS of AI performance.

Featuring four 2.5GbE LAN ports and quad independent display outputs, DN11H supports high-throughput data communication and multi-screen visual applications. With up to 96GB DDR5 memory and multiple M.2 expansion options, it ensures efficient data processing and storage scalability.

Ideal for network management, automation control, video processing, and interactive kiosk deployments where connectivity and visualization are both critical.

### Features

- Supports Intel® Core™ Ultra 9/7/5 ( Series 1 ) processors with integrated NPU and Intel® Arc Graphics
- Quad independent displays :  
2 x HDMI 2.0 [ TMDs compatible ] + 2 x DisplayPort 1.4a
- Provides 3 x M.2 slots supporting PCIe Gen4 x 4 and RAID for enhanced data processing performance
- Equipped with 4 x 2.5GbE LAN ports, with optional 4G/5G expansion capability
- Supports up to 96GB DDR5-5600 memory
- 2 x USB 3.2 Gen2 Type-C + 6 x USB 3.2 Gen2 Type-A



# DH770

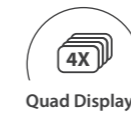
## PROVEN MULTI-DISPLAY PLATFORM

Reliable Performance with Rich Connectivity

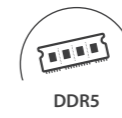
The Shuttle DH770 is designed for stable multi-display applications, built on proven 14<sup>th</sup>/13<sup>th</sup>/12<sup>th</sup> Gen Intel® Core™ platforms and enhanced with versatile connectivity to deliver reliable and consistent computing performance.

Within its compact 1.3L form factor, the DH770 supports up to four 4K displays, making it well-suited for multi-screen presentations and data visualization. With dual 2.5GbE LAN, multiple USB ports, and COM interfaces, it ensures stable data transmission and enables flexible system integration.

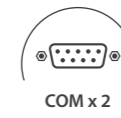
With DDR5 memory and M.2 PCIe 4.0 storage expansion, the DH770 delivers efficient and responsive data processing. Combined with a stable and well-validated platform design, it maintains consistent performance in long-duration operation, making it ideal for digital signage, surveillance, automation control, and computer vision applications.



Quad Displays



DDR5



COM x 2



Dual LAN  
(2.5GbE)



RAID  
(SATA)

## Features

- Supports 14<sup>th</sup>/13<sup>th</sup>/12<sup>th</sup> Gen Intel® Core™, Pentium®, and Celeron® processors ( LGA1700 socket )
- Equipped with 2 x Intel® 2.5GbE LAN ports
- 4 x USB 3.2 Gen2, 4 x USB 3.2 Gen1 ( including 1 x Type-C ), 1 x RS-232 and 1 x RS-232/422/485 ( optional PVG01 cable enables RS-232 to VGA conversion )
- Heat pipe cooling with dual smart fans, delivering excellent thermal performance and stable operation in 0–50°C environments
- Integrated Intel® UHD graphics, supporting quad 4K displays via 2 x HDMI 2.0 and 2 x DisplayPort
- 1 x M.2 2280 M-Key ( PCIe 4.0 x 4 / SATA ), 1 x M.2 2230 E-Key

# DH610 / DH610V2



DDR4 / DDR5



3X Triple Displays

Dual LAN  
(2.5GbE + 1GbE)

COM x 2

## DDR4 / DDR5 FLEXIBLE PLATFORM OPTIONS

### Balance Stability and Evolve Performance

Designed for stable 24/7 commercial operation, the Shuttle DH610 series provides a reliable and flexible compact computing platform. Supporting Intel® 14<sup>th</sup>, 13<sup>th</sup> and 12<sup>th</sup> Gen Core™ processors, it delivers consistent performance for business applications and system-level tasks.

With triple 4K display output, dual Intel® LAN ( 2.5GbE + 1GbE ), and comprehensive I/O of USB and COM interfaces, it enables smooth integration across diverse commercial environments.

The DH610 supports DDR4 memory for proven stability, while DH610V2 offers DDR5 for enhanced performance and scalability.

This flexibility makes the series ideal for POS systems, kiosks, surveillance, and industrial deployments requiring dependable, cost-effective solutions.



### Features

- Supports 14<sup>th</sup>/13<sup>th</sup>/12<sup>th</sup> Gen Intel® Core™, Pentium®, and Celeron® processors ( LGA1700 socket )
- Triple independent displays :  
HDMI 2.0 + 2x DisplayPort ( up to 4K )
- Dual Intel® LAN ( 2.5GbE + 1GbE ) with Wake-on-LAN support
- USB 3.2 Gen1/Gen2, USB 2.0, RS232/422/485
- 1 x RS232 + 1 x RS232/422/485 serial ports ( optional PVG01 cable enables RS-232 to VGA conversion )
- **DH610** : Dual-channel DDR4-3200, max. 64GB  
**DH610V2** : Dual-channel DDR5-5600, max. 64GB/96GB ( depending on configuration )



## DH610 / DH610V2



Cooling system	Smart fan
Processor	Intel® 14 <sup>th</sup> /13 <sup>th</sup> /12 <sup>th</sup> Gen Core™ i3/i5/i7/i9, Pentium®, and Celeron® processors ( LGA1700 ), up to 65W TDP
Chipset	Intel® H610
Graphics	Intel® UHD Graphics series
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>DisplayPort 1.4a</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	<b>DH610</b> : 2 x DDR4 3200/2933/2666 MT/s, Max. 64GB      <b>DH610V2</b> : 2 x DDR5 5600 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 12.5 mm ) / 1 x M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
RAID	-
HDMI Port	1
DisplayPort	2
VGA Port	Optional
USB 4.0	-
USB 3.2 (Front)	<b>Gen 1</b> : 2 ( Include Type-C x 1 )
USB 3.2 (Rear)	<b>Gen 1</b> : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	1 x RS232 1 x RS232/422/485, Support 5V/12V
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	<b>L</b> : 190 x <b>W</b> : 165 x <b>H</b> : 43 mm
Weight	<b>NW (kg)</b> : 1.3 / <b>GW (kg)</b> : 2.05
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/6.32A 120W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M, PVG01, PS02, WWN03

## DH32U



Cooling system	Smart fan
Processor	Intel® Pentium® Gold 7505 / Intel® Core™ i3-1115G4 / i5-1135G7
Chipset	Integrated in CPU
Graphics	Intel® UHD or Iris® Xe Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz
Display Output	4 Independent Displays
Video Decoder	MPEG2, WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR4 3200/2933/2666 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 12.5 mm ) 1 x SD card 1 x M.2 2280, M-Key ( PCIe 4.0 x 4 NVMe / SATA )
RAID	-
HDMI Port	4
DisplayPort	-
VGA Port	Optional
USB 4.0	-
USB 3.2 (Front)	<b>Gen 2</b> : 4
USB 3.2 (Rear)	<b>Gen 1</b> : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	-
COM Port	1 x RS232 / 1 x RS232/422/485, Support 5V/12V
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 2 x Intel® 1GbE LAN <b>WLAN</b> : Optional
VESA	Bracket included
Dimension	<b>L</b> : 190 x <b>W</b> : 165 x <b>H</b> : 43 mm
Weight	<b>NW (kg)</b> : 1.03 / <b>GW (kg)</b> : 2.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19V/4.74A 90W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M, PVG01, PS02, WWN03

## DH02U



Cooling system	Smart fan
Processor	Intel® Celeron 3865U / Intel® Core™ i3-7100U / i5-7200U / i7-7500U
Chipset	Integrated in CPU
Graphics	NVIDIA GeForce GTX 1050 GPU 4GB
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz 8192 x 4320@60Hz in Surround Mode
Display Output	4 Independent Displays
Video Decoder	MPEG, MPEG2, VC1, VP9, AVC / H.264, HEVC / H.265, AV1
Memory	2 x DDR4 2133 MT/s, Max. 32GB
Storage	1 x 2.5" HDD/SSD ( Max. 12.5 mm ) 1 x M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
RAID	-
HDMI Port	4
DisplayPort	-
VGA Port	-
USB 4.0	-
USB 3.2 (Front)	<b>Gen 1</b> : 2
USB 3.2 (Rear)	<b>Gen 1</b> : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	-
COM Port	1 x RS232
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : Optional
VESA	Bracket included
Dimension	<b>L</b> : 190 x <b>W</b> : 165 x <b>H</b> : 43 mm
Weight	<b>NW (kg)</b> : 2.2 / <b>GW (kg)</b> : 3.5
Certification	CB, CE, BSMI, ETL, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19V/6.32A 120W external adapter
Operating System	Windows 10 64bit, Linux
Optional Accessories	WLN-M, PS02

XPC FANLESS



## Silent, Maintenance-Free Platforms For 24/7 Edge Reliability

The XPC fanless series features a passive cooling design that maintains stable thermal performance under varying workloads, while combining low power consumption, durability, and long-term reliability.

Designed for industrial and vertical applications requiring 24/7 operation, the fanless architecture helps extend system MTBF and overall life span, while reducing maintenance requirements and minimizing operational downtime.

# DL40N / DL30N

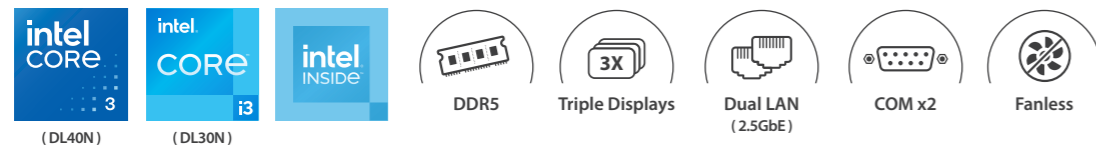


## FANLESS DESIGN WITH LOW POWER CONSUMPTION

Built for Edge and IoT Application

Shuttle's DL Series delivers efficient computing in compact 1-liter form factors with two processor platform options. The DL30N boasts Intel® Alder Lake-N processors ( N100, N200, i3-N300 ), while the DL40N adopts the newer Twin Lake processors ( N150, N250, N350 ), offering low power performance with TDP up to 7W and integrated UHD Graphics for smooth visual output.

DL30N and DL40N feature dual LAN ports, triple-display outputs via HDMI and DisplayPort, two COM ports, and rich I/O with up to eight USB ports, enabling flexible peripheral integration and stable data transmission. With flexible expansion via M.2 slots supporting high-speed storage and wireless modules, they are ideal solutions for digital signage, kiosks, POS systems, and IoT/edge computing applications requiring reliable 24/7 operation.



## Features

- DL30N powered by Intel® Alder Lake-N processors; DL40N powered by Intel® Twin Lake processors
- Supports up to 16GB DDR5-4800 memory
- Supports triple displays : HDMI 2.0, DisplayPort, and VGA output
- Equipped with dual Intel® 2.5GbE LAN ports for stable and reliable connectivity
- Comprehensive I/O : 8 x USB 3.2 Gen1, 1 x RS-232, and 1 x RS-232/422/485
- Expansion capability : 1 x M.2 2280 M-Key, 1 x M.2 2230 E-Key ( supports 4G/LTE and WiFi modules )



# DS50U

## HIGH-PERFORMANCE FANLESS COMPUTING

Built for Versatile Edge and Business Applications

The DS50U series offers a compact, fanless design in a sturdy 1.3-liter metal chassis with extensive connectivity. Supporting dual 4K displays via HDMI and DisplayPort, along with a VGA output to meet diverse display requirements. The DS50U supports 12<sup>th</sup> and 13<sup>th</sup> Gen Intel® platform for smooth 4K video playback at 60Hz.

This versatile system accommodates two DDR5 memory modules, one 2.5" drive, and includes two M.2-2280 slots for high-speed storage and one M.2-2230 for wireless module expansion. Featuring a passive cooling design for reliable 24/7 operation with minimal maintenance, it is well suited for digital signage, POS systems, kiosks, thin clients, office computing, and multimedia applications.



### Features

- Processor options include : Intel® Celeron® 7305, Intel® Core™ i3-1315U / Core™ 3 100U, Intel® Core™ i5-1335U / Core™ 5 120U, Intel® Core™ i7-1355U / Core™ 7 150U
- Triple display outputs : 1 x HDMI 2.0, 1 x DisplayPort 1.4a, 1 x VGA
- Networking : 1 x Intel® 2.5GbE LAN + 1 x Intel® 1GbE LAN
- Comprehensive I/O : 2 x USB 3.2 Gen2, 4 x USB 3.2 Gen1, 2 x USB 2.0, 1 x RS-232/422/485
- Expansion capability : 2 x M.2 2280 M-Key for SSDs and 1 x M.2 2230 E-Key for Wi-Fi, Bluetooth, and optional 5G/LTE

## DL40N



Cooling system	Fanless
Processor	Intel® Core™ 3 Processor N350 / Intel® Processor N250 / N150
Chipset	Integrated in CPU
Graphics	Intel® Graphics Series
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz <b>DisplayPort 1.4a</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800 MT/s, Max. 16GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) 1 x M.2 2280, M-Key ( PCIe 3.0 x 2 NVMe / SATA )
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen 1 : 4
USB 3.2 (Rear)	Gen 1 : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	-
COM Port	1 x RS232 / 1 x RS232/422/485, Support 5V/12V
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 2 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	L : 190 x W : 165 x H : 43 mm
Weight	<b>NW (kg)</b> : 1.15 / <b>GW (kg)</b> : 2.1
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~40
Chassis	Metal
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	PS02, WWN03, WLN-M

## DL30N



Cooling system	Fanless
Processor	Intel® Core™ i3-N300 / Intel® Processor N200 / N100
Chipset	Integrated in CPU
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz <b>DisplayPort 1.4a</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800 MT/s, Max. 16GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) 1 x M.2 2280, M-Key ( PCIe 3.0 x 2 NVMe / SATA )
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen 1 : 4
USB 3.2 (Rear)	Gen 1 : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	-
COM Port	1 x RS232 / 1 x RS232/422/485, Support 5V/12V
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 2 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	L : 190 x W : 165 x H : 43 mm
Weight	<b>NW (kg)</b> : 1.15 / <b>GW (kg)</b> : 2.1
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~40
Chassis	Metal
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	PS02, WWN03, WLN-M

## DS50U



Cooling system	Fanless
Processor	Intel® Celeron 7305 Intel® Core™ i3-1315U / i5-1335U / i7-1355U Intel® Core™ 3 100U / 5 120U / 7 150U
Chipset	Integrated in CPU
Graphics	Intel® UHD or Iris® Xe Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz <b>DisplayPort 1.4a</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5200 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) 1 x M.2 2280, M-Key ( PCIe 4.0 x 4 NVMe / SATA ) 1 x M.2 2280, M-Key ( PCIe 4.0 x 4 NVMe / WWN04 )
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen 1 : 4 Gen 2 : 2
USB 3.2 (Rear)	-
USB 2.0 (Front)	-
USB 2.0 (Rear)	2
COM Port	1 x RS232 ( Optional ) / 1 x RS232/422/485, Support 5V/12V
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN / 1 x 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	L : 200 x W : 165 x H : 39.5 mm
Weight	<b>NW (kg)</b> : 1.6 / <b>GW (kg)</b> : 2.85
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~40
Chassis	Metal + Plastic
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/4.74A 90W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	WWN04, WLN-M

## DS20U



Cooling system	Fanless
Processor	Intel® Core™ i3-10110U / i5-10210U / i7-10510U
Chipset	Integrated in CPU
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz <b>DisplayPort 1.4a</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	2 x DDR4 2666/2400 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( max. 12.5 mm ) / 1 x SD card 1 x M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen 1 : 2 ( for Celeron ) Gen 2 : 2 ( for Core i series )
USB 3.2 (Rear)	Gen 1 : 2 ( for Celeron ) Gen 2 : 2 ( for Core i series )
USB 2.0 (Front)	4
USB 2.0 (Rear)	-
COM Port	1 x RS232/422/485, Support 5V/12V
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 2 x Intel® 1GbE LAN ( DS20U series ) 2 x Intel® 2.5GbE LAN ( DS20U V2 series ) <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Dimension	L : 200 x W : 165 x H : 39.5 mm
Weight	<b>NW (kg)</b> : 1.4 / <b>GW (kg)</b> : 2.1
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~40
Chassis	Metal + Plastic
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WWN03, WLN-M

# Ultra-Compact AI Computing For Every Deployment Tier

The XPC Nano series delivers scalable computing performance in an ultra-compact form factor, purpose-built for modern edge and business environments.

From advanced AI inference to everyday computing, the Nano lineup is structured into clearly defined tiers to match different workload demands, performance levels, and deployment scenarios.

## Advanced AI Edge

- High-Performance AI Workloads
- For generative AI and advanced inference
- Up to 100 TOPS
- High-throughput, low-latency computing

Models : NT20H / NA20H

## Mainstream AI

- Balanced AI for Business Applications
- Delivering 30~40 TOPS
- For everyday AI workloads and productivity
- Performance and cost efficiency

Models : NT10H / NA10H

## Essential Computing

- Reliable Systems for Everyday Deployment
- Energy-efficient and compact
- For POS, signage, and office use
- Flexible for diverse applications

Models : NE10N / NC50N / NC40U



XPC NANO



# NA20H

## ADVANCED AI EDGE PLATFORM

Optimized for Generative AI and Intelligent Workloads

Powered by AMD Ryzen™ AI 300 Series processors, the NA20H delivers up to 80 TOPS of AI performance, enabling advanced edge computing for generative AI, real-time analytics, and AI inference. With an integrated CPU, GPU, and NPU architecture, it is designed to handle compute-intensive workloads with high efficiency and responsiveness in compact deployments.

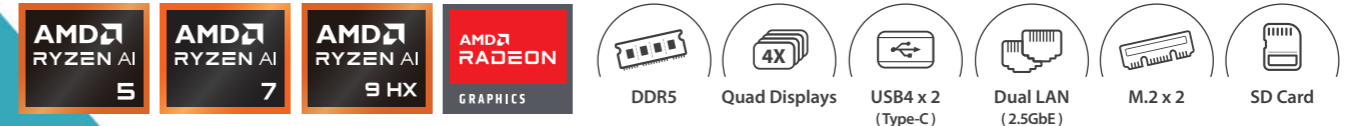
In a compact form factor, the NA20H balances performance and expandability, supporting high-speed memory, flexible storage configurations, rich I/O connectivity, and multi-display capability for complex workloads.

Designed for AI-intensive environments, the NA20H is ideal for video analytics, smart retail, industrial automation, and edge AI inference, making it a powerful platform for next-generation AI computing.



### Features

- Processor options : Ryzen™ AI 300 series ( AI 9 HX 370, AI 7 350, AI 5 340 ) and Ryzen™ 200 series ( 7H 225 )
- Supports up to 96GB DDR5-5600 dual-channel memory
- Quad-display output via 2 x HDMI + 2 x USB4 Type-C ( DP Alt Mode )
- M.2 expansion for PCIe Gen4 NVMe storage ( up to 2TB ) and optional Wi-Fi modules
- Dual 2.5GbE LAN for high-speed, resilient connectivity
- 2 x USB4 Type-C ( 40Gbps ) plus 5 x USB 3.2 Gen2 ports



## NA10H



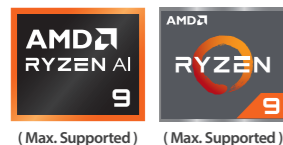
# MAINSTREAM AI COMPUTING PLATFORM

Optimized for Business AI and Everyday Intelligence

The NA10H is powered by AMD Ryzen™ 8040 Series processors with integrated NPU, delivering up to 39 TOPS of AI performance for mainstream AI workloads. Its integrated CPU, GPU, and NPU architecture enhances efficiency in visual processing and data analysis.

Designed in a compact form factor, the NA10H offers flexible expansion and rich I/O connectivity, supporting multi-display setups and diverse peripheral integration.

As a mainstream AI PC platform, the NA10H is ideal for smart office, digital signage, POS systems, and AIoT applications, delivering a balanced solution of performance and cost efficiency.



(Max. Supported) (Max. Supported)



DDR5



Quad Displays



USB4 x 2  
(Type-C)



Dual LAN  
(2.5GbE)



M.2 x 2



SD Card



## Features

- Processor options :  
AMD Ryzen™ 8040 series ( R9-8945HS, R7-8845HS )
- Supports up to 96GB DDR5-5600 dual-channel memory
- M.2 expansion for PCIe Gen4 NVMe storage ( up to 2TB ) and optional Wi-Fi
- Quad-display output via 2 x HDMI + 2 x USB4 Type-C ( DP Alt Mode )
- Dual 2.5GbE LAN for high-speed, resilient connectivity
- 2 x USB4 Type-C ( 40Gbps ) plus 5 x USB 3.2 Gen2 ports

# NT20H



DDR5



Quad Displays

USB4 x 2  
(Type-C)Dual LAN  
(2.5GbE)

M.2 x 2



SD Card



## ENTERPRISE AI EDGE PLATFORM

### Accelerating Generative AI and Advanced Inference

Equipped with Intel® Core™ Ultra 200 series processors, the NT20H delivers up to 99 TOPS of AI performance, enabling advanced AI inference and data-intensive computing at the edge. Its hybrid CPU, GPU, and NPU architecture is optimized for generative AI, large-scale analytics, and enterprise-level AI deployments requiring high throughput and low latency.

In a compact design, the NT20H provides rich connectivity, flexible expansion, and multi-display support for complex and multitasking environments.

Built for advanced AI applications, the NT20H is ideal for generative AI, video analytics, and enterprise AI deployments, serving as a key platform for AI transformation.

### Features

- Processor options : Intel® Arrow Lake 225H/255H/285H, with integrated Intel® Arc Graphics
- Supports up to 96GB DDR5-6400 memory
- 2 x USB4 Type-C ( 40Gbps ), 5 x USB 3.2 Gen2 ( including Power USB ), 1 x USB 2.0, and dual 2.5GbE LAN
- M.2 expansion for PCIe Gen4 NVMe storage ( up to 2TB ) and optional WiFi
- Quad displays via 2 x HDMI ( 2.1 TMDs ) and 2 x USB4 Type-C with DisplayPort
- Compact NUC-style design and VESA mount support for flexible deployment



NT10H

## AI-ENHANCED BUSINESS PC PLATFORM

Efficient Intelligence for Everyday Workloads

The NT10H features Intel® Core™ Ultra Series 1 processors with integrated NPU, delivering up to 34 TOPS of AI performance for everyday AI applications. It is designed to improve responsiveness and efficiency in business environments, supporting AI-assisted workflows, multitasking, and commercial edge deployments.

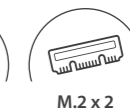
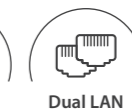
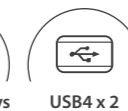
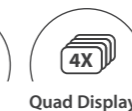
In a compact form factor, the NT10H offers rich I/O connectivity and multi-display support, enabling flexible integration for commercial and edge environments.

As a mainstream AI PC solution, the NT10H is ideal for smart office applications, digital signage, interactive systems, and content creation, providing a reliable and efficient computing platform.



### Features

- Processor options : Intel® Meteor Lake 125H/155H/185H with integrated Intel® Arc Graphics
- Supports up to 96GB DDR5-5600 memory
- Quad displays via 2 x HDMI 2.0 and 2 x USB4 Type-C with DisplayPort
- 2 x USB4 Type-C ( 40Gbps ), 5 x USB 3.2 Gen2 ( including Power USB ), 1 x USB 2.0, and dual 2.5GbE LAN
- M.2 expansion for PCIe Gen4 NVMe storage ( up to 2TB ) and optional WiFi
- Compact NUC-style design and VESA mount support for flexible deployment



SALE

NEW SEASON

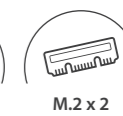
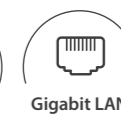
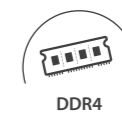
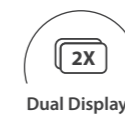


NE10N

## ENERGY-EFFICIENT MINI-PC

Optimized for Stable, Low-Power Edge Deployment

Shuttle NE10N offers efficient computing in a 0.6-liter form factor, featuring Intel® Alder Lake N processors with integrated Intel® UHD Graphics. With CPU TDP ranging from 6–15W, it delivers reliable performance with ultra-low power consumption for everyday and edge applications. Despite its small footprint, the system offers Gigabit LAN, dual 4K display support, and versatile I/O. Supporting DDR4 16GB and M.2 storage, this energy-efficient mini PC is ideal for office productivity, digital signage, thin clients, point-of-sale systems, and edge computing applications requiring reliable operation in a compact design.



Dual Displays

DDR4

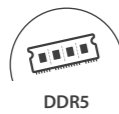
Gigabit LAN

M.2 x 2

### Features

- Intel® N-series processors : Alder Lake N100/N305
- Available in fanless ( NE10N1 ) and actively cooled ( NE10N3 ) models
- M.2 expansion supporting PCIe Gen3 NVMe and SATA storage ( up to 1TB )
- Supports up to 16GB DDR4-3200 memory
- Dual display support via HDMI 2.0 and DisplayPort 1.4
- 4 x USB 3.2 Gen2 Type-A, 2 x USB 2.0, and Gigabit LAN
- Ultra-compact dimensions with VESA mount for versatile installation

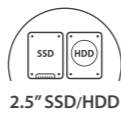
# NC50N SERIES



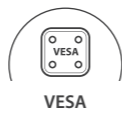
DDR5



Dual Displays

USB x 7  
(with 1 x Type-C)

2.5" SSD/HDD



VESA



## EDGE MINI-PC FOR BUSINESS DEPLOYMENT

Enhanced Connectivity for Reliable Operation

The Shuttle NC50N is powered by Intel® Twin Lake processors with an all E-core architecture, delivering energy-efficient and reliable performance in a compact sub-1L design. Built for everyday business and edge deployments, it features Intel® Graphics, DDR5-4800 memory, and dual 4K display support.

It supports flexible storage with dual M.2 NVMe SSDs and a 2.5" drive bay for efficient data access. Equipped with Intel® 2.5GbE LAN, WLAN expansion, and 7 USB ports, it ensures versatile connectivity. With VESA mount support and efficient cooling, the NC50N enables stable 24/7 operation for commercial and industrial environments.

### Features

- Intel® Twin Lake processors ( N150/N250/N350 SKUs ), up to 8 E-cores
- Dual 4K display outputs : HDMI 2.0 + DisplayPort 1.4a
- Flexible storage : 2 x M.2 NVMe SSD slots + 1 x 2.5" SATA bay
- Supports up to 16GB DDR5-4800 memory
- Intel® 2.5GbE LAN + M.2 2230 slot for WLAN/Bluetooth modules
- 7 x USB ports including Type-C



XPC NANO

NC40U SERIES

NC40U SERIES



## VERSATILE FOR BUSINESS APPLICATIONS

Flexible Expansion for Diverse Deployment Needs

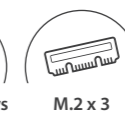
The XPC Nano NC40U series is powered by 12<sup>th</sup> Gen Intel® Core™ (Alder Lake-U) processors, delivering a balance of performance and energy efficiency in a compact 0.85L form factor. Designed for business applications and flexible deployments, it features Intel® Graphics and high-speed DDR5 memory support to ensure smooth system responsiveness. For storage expansion, the NC40U supports dual M.2 2280 SSD slots and one 2.5" hard drive (up to 15 mm thickness). It also supports up to three 4K display and up to seven USB ports, providing strong peripheral connectivity and application versatility. Ideal for digital signage, POS systems, control systems, office use, conference rooms, and more.



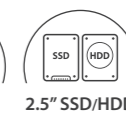
DDR4



Triple Displays



M.2 x 3



2.5" SSD/HDD

### Features

- 12<sup>th</sup> Gen Intel® Core™ i7-1255U / i5-1235U / i3-1215U, Celeron® 7305 processor
- Support up to 15mm 2.5-inch hard drive
- 2 x M.2 2280 M-Key (1 x PCIe 4.0 x 4 NVMe, 1 x PCIe 3.0 x 4 NVMe / SATA), 1 x M.2 2230 E-Key
- Three independent displays via one HDMI 2.0, one DisplayPort, and one Type-C
- Built-in Intel® Iris® Xe Graphics \*  
\* Intel® Iris® Xe Graphics for Core™ i5/i7 model only
- 2 x USB 3.2 Gen2, 5 x USB 3.2 Gen1 (Including 1 x Type-C), Intel® Gigabit LAN

AI PC

## NA20H



Cooling system	Smart fan
Processor	AMD Ryzen™ AI 9 HX 370 / AMD Ryzen™ AI 7 350 AMD Ryzen™ AI 5 340 / AMD Ryzen™ 7 H 255
Graphics	AMD Radeon™ 890M ( AI 9 HX 370 ) AMD Radeon™ 860M ( AI 7 350 ) AMD Radeon™ 840M ( AI 5 340 ) AMD Radeon™ 780M ( Ryzen™ 7 H 255 )
Display Resolution Max.	<b>HDMI 2.1</b> : 3840 x 2160@60Hz <b>Type-C DisplayPort</b> : 3840 x 2160@60Hz
Display Output	4 Independent Displays
Video Decoder	MPEG2, VC1, VP9, H.264, H.265
Memory	2 x DDR5 5600 MT/s, Max. 96GB
Storage	1 x M.2 2280, M-Key ( PCIe 4.0 x4 NVMe )
HDMI Port	2
DisplayPort	-
Type-C	2
USB 3.2 (Front)	Gen 2 : 4
USB 3.2 (Rear)	Gen 2 : 1
USB 2.0 (Front)	-
USB 2.0 (Rear)	1
USB 4.0 TYPE-C Port (Rear)	2
COM Port	-
Headphone + Mic in combo (Front)	1
Line out / Mic in	-
Network	<b>LAN</b> : 2 x RealTek 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Stand	-
Dimension	L : 132 x W : 143 x H : 55 mm ( 57.8mm include rubber )
Weight	<b>NW (kg)</b> : 0.8 / <b>GW (kg)</b> : 1.7
Certification	<b>Safety</b> : CB, UL, BSMI, CEC, UKCA <b>EMC</b> : FCC, CE, BSMI, RCM, VCCI / RoHS Compliance
Operating Temperature (°C)	0~40
Chassis	Plastic ( PC+ABS )
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 120W 19V 6.32A Adapter
Operating System	Windows 11 64bit, Linux

AI PC

## NA10H



Cooling system	Smart fan
Processor	AMD Ryzen™ R9-8945HS AMD Ryzen™ R7-8845HS
Graphics	AMD Radeon™ 780M
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>Type-C DisplayPort</b> : 3840 x 2160@60Hz
Display Output	4 Independent Displays
Video Decoder	MPEG2, VC1, VP9, H.264, H.265
Memory	2 x DDR5 5600 MT/s, Max. 96GB
Storage	1 x M.2 2280, M-Key ( PCIe 4.0 x4 NVMe )
HDMI Port	2
DisplayPort	-
Type-C	2
USB 3.2 (Front)	Gen 2 : 4
USB 3.2 (Rear)	Gen 2 : 1
USB 2.0 (Front)	-
USB 2.0 (Rear)	1
USB 4.0 TYPE-C Port (Rear)	2
COM Port	-
Headphone + Mic in combo (Front)	1
Line out / Mic in	-
Network	<b>LAN</b> : 2 x RealTek 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Stand	-
Dimension	L : 132 x W : 143 x H : 55 mm ( 57.8mm include rubber )
Weight	<b>NW (kg)</b> : 0.8 / <b>GW (kg)</b> : 1.7
Certification	<b>Safety</b> : CB, UL, BSMI, CEC, UKCA <b>EMC</b> : FCC, CE, BSMI, RCM, VCCI / RoHS Compliance
Operating Temperature (°C)	0~40
Chassis	Plastic ( PC+ABS )
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 120W 19V 6.32A Adapter
Operating System	Windows 11 64bit, Linux

AI PC

## NT20H



Cooling system	Smart fan
Processor	Intel® Core™ Ultra5 225H / Intel® Core™ Ultra7 255H Intel® Core™ Ultra9 285H
Graphics	Intel® Arc™ 130T GPU ( 225H ) / Intel® Arc™ 140T GPU ( 255H/285H )
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2304 @60Hz <b>Type-C DisplayPort</b> : 3840 x 2160@60Hz
Display Output	4 Independent Displays
Video Decoder	MPEG2, VC1, VP9, H.264, H.265
Memory	2 x DDR5 6400 MT/s, Max. 96GB
Storage	1 x M.2 2280, M-Key ( PCIe 4.0 x 4 NVMe )
HDMI Port	2
DisplayPort	-
Type-C	2
USB 3.2 (Front)	Gen 2 : 4
USB 3.2 (Rear)	Gen 2 : 1
USB 2.0 (Front)	-
USB 2.0 (Rear)	1
USB 4.0 TYPE-C Port (Rear)	2
COM Port	-
Headphone + Mic in combo (Front)	1
Line out / Mic in	-
Network	<b>LAN</b> : 2 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Stand	-
Dimension	L : 132 x W : 143 x H : 55 mm ( 57.8mm include rubber )
Weight	<b>NW (kg)</b> : 0.8 / <b>GW (kg)</b> : 1.7
Certification	<b>Safety</b> : CB, UL, BSMI, CEC, UKCA <b>EMC</b> : FCC, CE, BSMI, RCM, VCCI / RoHS Compliance
Operating Temperature (°C)	0~40
Chassis	Plastic ( PC+ABS )
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 120W 19V 6.32A Adapter
Operating System	Windows 11 64bit, Linux

AI PC

## NT10H



Cooling system	Smart fan
Processor	Intel® Core™ Ultra5 125H / Intel® Core™ Ultra7 155H Intel® Core™ Ultra9 185H
Graphics	Intel® Arc™ Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2304 @60Hz <b>Type-C DisplayPort</b> : 3840 x 2160@60Hz
Display Output	4 Independent Displays
Video Decoder	MPEG2, VC1, VP9, H.264, H.265
Memory	2 x DDR5 5600 MT/s, Max. 96GB
Storage	1 x M.2 2280, M-Key ( PCIe 4.0 x4 NVMe )
HDMI Port	2
DisplayPort	-
Type-C	2
USB 3.2 (Front)	Gen 2 : 4
USB 3.2 (Rear)	Gen 2 : 1
USB 2.0 (Front)	-
USB 2.0 (Rear)	1
USB 4.0 TYPE-C Port (Rear)	2
COM Port	-
Headphone + Mic in combo (Front)	1
Line out / Mic in	-
Network	<b>LAN</b> : 2 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Stand	-
Dimension	L : 132 x W : 143 x H : 55 mm ( 57.8mm include rubber )
Weight	<b>NW (kg)</b> : 0.8 / <b>GW (kg)</b> : 1.7
Certification	<b>Safety</b> : CB, UL, BSMI, CEC, UKCA <b>EMC</b> : FCC, CE, BSMI, RCM, VCCI / RoHS Compliance
Operating Temperature (°C)	0~40
Chassis	Plastic ( PC+ABS )
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 120W 19V 6.32A Adapter
Operating System	Windows 11 64bit, Linux

## NE20N



Cooling system	Smart fan
Processor	Intel® Twin Lake N150
Graphics	Intel® Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>DisplayPort 1.4</b> : 3840 x 2160@60Hz
Display Output	2 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800 MT/s, Max 16GB
Storage	1 x M.2 2280, M-Key (PCIe 3.0 x 4 NVMe / SATA)
HDMI Port	1
DisplayPort	1
Type-C	-
USB 3.2 (Front)	<b>Gen 2</b> : 2
USB 3.2 (Rear)	<b>Gen 2</b> : 2
USB 2.0 (Front)	-
USB 2.0 (Rear)	2
USB 4.0 TYPE-C Port (Rear)	-
COM Port	-
Headphone + Mic in combo (Front)	-
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Realtek 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key (Optional)
VESA	Bracket included
Stand	-
Dimension	<b>L</b> : 135 x <b>W</b> : 115 x <b>H</b> : 39 mm (41.3mm include rubber)
Weight	<b>NW (kg)</b> : 0.6 / <b>GW (kg)</b> : 1.5
Certification	<b>Safety</b> : CB, UL, BSMI, CEC <b>EMC</b> : FCC, CE, BSMI, RCM, VCCI / RoHS Compliance
Operating Temperature (°C)	0~40
Chassis	Plastic (PC+ABS)
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 65W 19V 3.42A Adapter
Operating System	Windows 11 64bit, Linux

## NE10N



Cooling system	Fanless / Smart fan
Processor	Intel® Alder Lake N100 Intel® Core™ i3-N305
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>DisplayPort 1.4</b> : 3840 x 2160@60Hz
Display Output	2 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR4 3200 MT/s, Max 16GB
Storage	1 x M.2 2280, M-key (PCIe 3.0 x 4 NVMe / SATA)
HDMI Port	1
DisplayPort	1
Type-C	-
USB 3.2 (Front)	<b>Gen 2</b> : 2
USB 3.2 (Rear)	<b>Gen 2</b> : 2
USB 2.0 (Front)	-
USB 2.0 (Rear)	2
USB 4.0 TYPE-C Port (Rear)	-
COM Port	-
Headphone + Mic in combo (Front)	-
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Motorcomm 1GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key (Optional)
VESA	Bracket included
Stand	-
Dimension	<b>L</b> : 135 x <b>W</b> : 115 x <b>H</b> : 39 mm (41.3mm include rubber)
Weight	<b>NW (kg)</b> : 0.6 / <b>GW (kg)</b> : 1.5
Certification	<b>Safety</b> : CB, UL, BSMI, CEC <b>EMC</b> : FCC, CE, BSMI, RCM, VCCI / RoHS Compliance
Operating Temperature (°C)	0~40
Chassis	Plastic (PC+ABS)
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 65W 19V 3.42A Adapter
Operating System	Windows 11 64bit, Linux

## NC50N



Cooling system	Smart fan
Processor	Intel® Core™ 3 Processor N350 / Intel® Processor N250 / N150
Graphics	Intel® Graphics Series
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>DisplayPort 1.4</b> : 4096 x 2160@120Hz
Display Output	2 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800MT/s, Max. 16GB
Storage	1 x 2.5" HDD/SSD ( Max. 15 mm ) 2 x M.2 2280, M-Key ( PCIe 3.0 x2 NVMe )
HDMI Port	1
DisplayPort	1
Type-C	-
USB 3.2 (Front)	<b>Gen 1</b> : 3 ( Include Type-C x 1 )
USB 3.2 (Rear)	<b>Gen 1</b> : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	-
USB 4.0 TYPE-C Port (Rear)	-
COM Port	-
Headphone + Mic in combo (Front)	-
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 2.5GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Stand	-
Dimension	<b>L</b> : 142 x <b>W</b> : 142 x <b>H</b> : 42 mm
Weight	<b>NW (kg)</b> : 0.4 / <b>GW (kg)</b> : 1.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Plastic
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux

## NC40U



Cooling system	Smart fan
Processor	Intel® Celeron 7305 Intel® Core™ i3-1215U / i5-1235U / i7-1255U
Graphics	Intel® UHD / Iris® Xe Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>DisplayPort 1.4</b> : 4096 x 2160@120Hz
Display Output	3 Independent Displays
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR4 3200/2933/2666 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 15 mm ) 1 x M.2 2280, M-Key ( PCIe 4.0 x4 NVMe ) 1 x M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
HDMI Port	1
DisplayPort	1
Type-C	1
USB 3.2 (Front)	<b>Gen 1</b> : 3 ( Include Type-C x 1 )
USB 3.2 (Rear)	<b>Gen 1</b> : 2 / <b>Gen2</b> : 2
USB 2.0 (Front)	-
USB 2.0 (Rear)	-
USB 4.0 TYPE-C Port (Rear)	-
COM Port	-
Headphone + Mic in combo (Front)	-
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Stand	Bracket included
Dimension	<b>L</b> : 142 x <b>W</b> : 142 x <b>H</b> : 42 mm
Weight	<b>NW (kg)</b> : 0.4 / <b>GW (kg)</b> : 1.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Plastic
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux

## NW10U



Cooling system	Smart fan
Processor	Intel® Core™ 3 processor 304 Intel® Core™ 5 processor 315 Intel® Core™ 7 processor 350
Graphics	Intel® Graphics Series
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>DisplayPort 1.4</b> : 3840 x 2160@60Hz
Display Output	2 Independent Displays
Video Decoder	MPEG2, AVC / H.264, JPEG / MJPEG, HEVC / H.265, VP9, VP8, AV1
Memory	1 x DDR5 6400 MT/s, Max. 64GB
Storage	2 x M.2 2280, M-Key ( PCIe 4.0 x2 NVMe / SATA )
HDMI Port	1
DisplayPort	-
Type-C	2
USB 3.2 (Front)	<b>Gen 2</b> : 2
USB 3.2 (Rear)	<b>Gen 1</b> : 2 with Type-C
USB 2.0 (Front)	-
USB 2.0 (Rear)	2
USB 4.0 TYPE-C Port (Rear)	-
COM Port	-
Headphone + Mic in combo (Front)	1
Line out / Mic in	-
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : 1 x M.2 2230, E-Key ( Optional )
VESA	Bracket included
Stand	-
Dimension	<b>L</b> : 103 x <b>W</b> : 97 x <b>H</b> : 38 mm
Weight	<b>NW (kg)</b> : TBC / <b>GW (kg)</b> : TBC
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Plastic
Power Supply	<b>Power Input</b> : 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux

# XPC AIO

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## **Interactive All-in-One PCs** Tailored for Retail, Kiosk, and Public Environments

The XPC All-in-One series offers multiple size options to meet various interactive applications. With a splash-proof and touch-sensitive screen, no mouse or keyboard is needed for operation. It's ready to tackle massive tasks in one device and can even connect to versatile additional peripherals. Moreover, its fanless design ensures silent, 24/7 reliable operation, while versatile mounting options and power management features make it ideal for retail, hospitality, healthcare, and public information solutions.



# X50N



Resistive  
Single-Touch



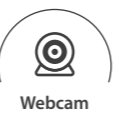
Triple Displays



IP54



2.5" SSD/HDD



Webcam



Fanless

## RELIABLE POS ALL-IN-ONE PC

Optimized for Retail Counters and Service Environments

Shuttle X50N is a fanless All-in-One PC designed for retail counters and service environments requiring stable and precise operation. Its 15.6" resistive touch panel supports glove and stylus input, ensuring reliable use in fast-paced or semi-industrial conditions.

Powered by Intel® Twin Lake processors with up to 8 E-cores, it delivers responsive and energy-efficient performance. The IP54-rated front panel protects against dust and water splashes for demanding POS environments.

With comprehensive I/O including USB and COM ports, it supports POS peripherals such as barcode scanners and receipt printers. Multi-display output, flexible storage, 2.5GbE LAN, and M.2 expansion enhance connectivity and deployment flexibility.



### Features

- Intel® Twin Lake processors ( N150 / N250 / N350 ), up to 8 E-cores
- Triple display support : Built-in panel + HDMI 4K + D-Sub
- Comprehensive I/O : USB and COM ports for POS peripherals
- Intel® 2.5GbE LAN + M.2 E-Key for Wi-Fi / Bluetooth expansion
- 15.6" resistive single-touch, glove / stylus compatible, IP54-rated front panel
- Flexible storage : 1 x 2.5"SATA + 1 x M.2 2280 ( PCIe x 2 / SATA )



# X50V9

## SMART SERVICE ALL-IN-ONE

For Intuitive Interaction and Business Use

Shuttle X50V9 is a performance-oriented All-in-One PC designed for smart service and advanced commercial applications. Featuring 13<sup>th</sup> Gen Intel® Raptor Lake-U processors, with optional Intel® Celeron® models for cost-efficient deployments, the X50V9 balances performance and versatility for commercial applications.

Its 15.6" single-touch display provides stable and responsive input, making it ideal for structured workflows such as service counters and operator-assisted systems. An integrated FHD webcam supports communication-driven use cases, including customer engagement and video conferencing.

With triple-display support, optional 5G/LTE connectivity, and comprehensive I/O including USB, COM, LAN, Wi-Fi, Bluetooth, and M.2 expansion, the X50V9 enables flexible, scalable, and connected deployments.



### Features

- Intel® Celeron® 7305, Intel® U300 or Intel® Core™ i3-1315U processors
- Triple-display support : Built-in panel + HDMI + VGA
- 2 x USB3.2 Gen2, 4 x USB3.2 Gen1, FHD Webcam, Intel® Gigabit LAN, WiFi AC+BT 5.0 connectivity
- 15.6" resistive single-touch, glove/stylus compatible, IP54-rated front panel
- 2 x M.2 2280 M-Key, and 1 x M.2 2230 E-Key expansion options
- Support optional 5G / LTE network extension kit and RS232 ports

# P56N



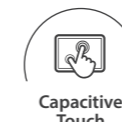
## INTERACTIVE KIOSK ALL-IN-ONE

### Built for Self-Service and Public Engagement

The Shuttle P56N is a 15.6" fanless All-in-One PC designed for interactive kiosks and public-facing applications. Its Full HD capacitive multi-touch display delivers smooth and intuitive user interaction, making it ideal for self-service, check-in systems, and information kiosks.

Powered by Intel® Twin Lake processors, it delivers stable and energy-efficient performance for continuous 24/7 operation. The IP54-rated front panel protects against dust and water splashes for reliable use in semi-public environments.

An integrated 2MP webcam supports interactive use cases such as video communication and customer engagement. With triple-display support, dual RS232 ports, and multiple USB interfaces, the system offers flexible connectivity for kiosk peripherals. Includes M.2 2280 and M.2 2230 for storage and wireless expansion. The fanless design ensures silent operation for commercial and public deployments.



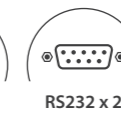
Capacitive Touch



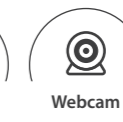
Triple Displays



IP54



RS232 x 2



Webcam



Fanless

### Features

- Intel® Twin Lake processors ( N150 / N250 / N350 )
- Triple display : Built-in panel + HDMI 2.0 + D-Sub
- Full HD capacitive multi-touch display with IP54 front protection
- Flexible storage : 1 x M.2 2280 M-Key ( PCIe / SATA ) + 1 x M.2 2230 E-Key for Wi-Fi / Bluetooth
- Dual RS232 and USB ports for POS peripherals



## P25N



Color	Black
Screen	11.6" LCD ( 16:9, 1366 x 768 ), 250 nits Multi touch
Processor	Intel® Processor N100 / Intel® Processor N200 Intel® Core™ i3 N300
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800 MT/s, Max. 16GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) 1 x M.2 2280, M-Key ( PCIe 3.0 x2 NVMe / SATA )
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen 1 : 4
USB 3.2 (Side)	Gen 2 : 2
USB 2.0 (Bottom)	-
USB 2.0 (Side)	-
USB 2.0 (Internal)	-
COM Port	2 x RS232
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 2.5GbE LAN <b>WLAN</b> : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0 / 1 x M.2 2230, E-Key
Communication	<b>Webcam</b> : 2M FHD <b>Speaker</b> : 1 x 2W <b>Microphone</b> : Capacitor
VESA	Support 75 x 75 mm
Dimension	<b>W</b> : 299 x <b>H</b> : 207 x <b>D</b> : 59 mm
Weight	<b>NW (kg)</b> : 1.95 / <b>GW (kg)</b> : 3.14
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	-

## P56N



Color	Black
Screen	15.6" LCD ( 16:9, 1920 x 1080 ), 250 nits Multi touch
Processor	Intel® Processor N150 / N250 Intel® Core™ 3 Processor N350
Graphics	Intel® Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800 MT/s, Max. 16GB
Storage	1 x M.2 2280, M-Key ( PCIe 3.0 x2 NVMe / SATA )
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen 1 : 4
USB 3.2 (Side)	Gen 2 : 2
USB 2.0 (Bottom)	-
USB 2.0 (Side)	-
USB 2.0 (Internal)	-
COM Port	2 x RS232
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 2.5GbE LAN <b>WLAN</b> : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0 / 1 x M.2 2230, E-Key
Communication	<b>Webcam</b> : 2M FHD <b>Speaker</b> : 2 x 2W <b>Microphone</b> : Capacitor
VESA	Support 100 x 100 mm
Dimension	<b>W</b> : 393.6 x <b>H</b> : 272.5 x <b>D</b> : 39.8 mm
Weight	<b>NW (kg)</b> : 3.31 / <b>GW (kg)</b> : 4.78
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED, UKCA
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	-

## P55U



Color	Black
Screen	15.6" LCD ( 16:9, 1920 x 1080 ), 250 nits Multi touch
Processor	Intel® Celeron 7305 / Intel® Core™ i3-1315U / i5-1335U
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG/MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 up to 5200 MT/s, Max. 64GB
Storage	2 x M.2 2280, M-Key ( PCIe 4.0 x4 NVMe / SATA )
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen 1 : 2 / Gen 2 : 2
USB 3.2 (Side)	Gen 1 : 2
USB 2.0 (Bottom)	-
USB 2.0 (Side)	-
USB 2.0 (Internal)	-
COM Port	2 x RS232
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0 / 1 x M.2 2230, E-Key
Communication	<b>Webcam</b> : 2M FHD <b>Speaker</b> : 2 x 2W <b>Microphone</b> : Capacitor
VESA	Support 100 x 100 mm
Dimension	<b>W</b> : 393.6 x <b>H</b> : 272.5 x <b>D</b> : 39.8 mm
Weight	<b>NW (kg)</b> : 3.31 / <b>GW (kg)</b> : 4.78
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED, UKCA
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/4.74A 90W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	WWN04

## P52U



Color	Black
Screen	15.6" LCD ( 16:9, 1920 x 1080 ), 250 nits Multi touch
Processor	Intel® Celeron 5205U / Intel® Core™ i3-10110U / i5-10210U
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 1.4</b> : 3840 x 2160@30Hz <b>VGA</b> : 1920 x 1080@60Hz
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	2 x DDR4 2666/2400 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) / 1 x SD card 1 x M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen 1 : 2
USB 3.2 (Side)	Gen 1 : 2
USB 2.0 (Bottom)	2
USB 2.0 (Side)	-
USB 2.0 (Internal)	-
COM Port	2 x RS232
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0 / 1 x M.2 2230, E-Key
Communication	<b>Webcam</b> : 2M FHD <b>Speaker</b> : 2 x 2W <b>Microphone</b> : Capacitor
VESA	Support 100 x 100 mm
Dimension	<b>W</b> : 393.6 x <b>H</b> : 272.5 x <b>D</b> : 39.8 mm
Weight	<b>NW (kg)</b> : 3.31 / <b>GW (kg)</b> : 4.78
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED, UKCA
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	-

## P92U



Color	Black / White
Screen	19.5" LCD ( 16:9, 1600 x 900 ), 250 nits Multi touch
Processor	Intel® Celeron 5205U / Intel® Core™ i3-10110U / i5-10210U
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 1.4</b> : 3840 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	2 x DDR4 2666/2400 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) / 1 x SD card 1 x M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen 1 : 2
USB 3.2 (Side)	Gen 1 : 2
USB 2.0 (Bottom)	2
USB 2.0 (Side)	-
USB 2.0 (Internal)	1 ( Type-A )
COM Port	Optional
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : Realtek 802.11 a/b/g/n/ac / Bluetooth 4.2 / 1 x M.2 2230, E-Key
Communication	<b>Webcam</b> : 2M FHD <b>Speaker</b> : 2 x 2W <b>Microphone</b> : Capacitor
VESA	Support 100 x 100 mm
Dimension	<b>W</b> : 487 x <b>H</b> : 321 x <b>D</b> : 44 mm
Weight	<b>NW (kg)</b> : 4.29 / <b>GW (kg)</b> : 5.62
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	PCL71, POS01

## X50N



Color	Black / White
Screen	15.6" LCD ( 16:9, HD 1366 x 768 ), 220 nits Single touch
Processor	Intel® Processor N150 / N250 Intel® Core™ 3 Processor N350
Graphics	Intel® Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 3840 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800 MT/s, Max. 16GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) 1 x M.2 2280, M-Key ( PCIe 3.0 x2 NVMe / SATA )
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen 1 : 4
USB 3.2 (Side)	Gen 2 : 2
USB 2.0 (Bottom)	-
USB 2.0 (Side)	-
USB 2.0 (Internal)	-
COM Port	Optional ( Max. 2 )
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 2.5GbE LAN <b>WLAN</b> : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0 1 x M.2 2230, E-Key
Communication	<b>Webcam</b> : 2M FHD <b>Speaker</b> : 2 x 2W <b>Microphone</b> : Capacitor
VESA	Support 100 x 100 mm
Dimension	<b>W</b> : 391 x <b>H</b> : 327 x <b>D</b> : 42 mm
Weight	<b>NW (kg)</b> : 3.26 / <b>GW (kg)</b> : 4.5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED, UKCA
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	-

## X50V9



Color	Black / White
Screen	15.6" LCD ( 16:9, HD 1366 x 768 ), 220 nits Single touch
Processor	Intel® Celeron 7305 / Intel® Processor U300 / Intel® Core™ i3-1315U
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 2.0</b> : 4096 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz
Video Decoder	VC1 / WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 up to 5200 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) 1 x M.2 2280, M-Key ( PCIe 4.0 x4 NVMe / SATA ) 1 x M.2 2280, M-Key ( PCIe 4.0 x4 NVMe / WWN04 )
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen 1 : 2 / Gen 2 : 2
USB 3.2 (Side)	Gen 1 : 2
USB 2.0 (Bottom)	-
USB 2.0 (Side)	-
USB 2.0 (Internal)	1 ( Type-A )
COM Port	Optional ( Max. 2 )
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0 1 x M.2 2230, E-Key
Communication	<b>Webcam</b> : 2M FHD <b>Speaker</b> : 2 x 2W <b>Microphone</b> : Capacitor
VESA	Support 100 x 100 mm
Dimension	<b>W</b> : 391 x <b>H</b> : 327 x <b>D</b> : 42 mm
Weight	<b>NW (kg)</b> : 3.13 / <b>GW (kg)</b> : 4.16
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED, UKCA
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/4.74A 90W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	WWN04

## X50V8



Color	Black / White
Screen	15.6" LCD ( 16:9, HD 1366 x 768 ), 220 nits Single touch
Processor	Intel® Celeron 5205U / Intel® Core™ i3-10110U
Graphics	Intel® UHD Graphics
Display Resolution Max.	<b>HDMI 1.4</b> : 3840 x 2160@60Hz <b>VGA</b> : 1920 x 1080@60Hz
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	2 x DDR4 2666/2400 MT/s, Max. 64GB
Storage	1 x 2.5" HDD/SSD ( Max. 9.5 mm ) / 1 x SD card 1 x M.2 2280, M-Key ( PCIe 3.0 x4 NVMe / SATA )
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen 1 : 2
USB 3.2 (Side)	Gen 1 : 2
USB 2.0 (Bottom)	2
USB 2.0 (Side)	-
USB 2.0 (Internal)	1 ( Type-A )
COM Port	Optional ( Max. 4 )
Line out / Mic in	1 / 1
Network	<b>LAN</b> : 1 x Intel® 1GbE LAN <b>WLAN</b> : Realtek 802.11 a/b/g/n/ac / Bluetooth 4.2 1 x M.2 2230, E-Key
Communication	<b>Webcam</b> : 2M FHD <b>Speaker</b> : 2 x 2W <b>Microphone</b> : Capacitor
VESA	Support 100 x 100 mm
Dimension	<b>W</b> : 391 x <b>H</b> : 327 x <b>D</b> : 42 mm
Weight	<b>NW (kg)</b> : 3.13 / <b>GW (kg)</b> : 4.16
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	<b>Power Input</b> : 12V or 19V DC in <b>Bundled Adapter</b> : 19V/3.42A 65W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	PCL71, POS01

