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MINI-PC PRODUCT GUIDE

Shuttle®

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

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YOUR INDUSTRY OUR EXPERTISE

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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 like digital signage, self-serve kiosks, surveillance, automation control, and so on.

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.

APPLICATIONS

Mini-PC Product Line

Space-Saving, Scalable Workstation

The industry-renowned XPC cube series is only 1/3 the size of a traditional tower. It offers a wide choice of processors, storage, expansion card capabilities, versatile I/O connectivity, and Shuttle's I.C.E heatpipe cooling which ensures it is energy-efficient and ready for long term operation across a wide range of applications.

XPC
CUBE

SH610R4

The Mini Workstation

Boasts Intel® 14th Gen CPU for AI Capabilities

The Shuttle SH610R4 is a versatile 13L Mini PC with Intel® H610 chipset, compatible with 14th, 13th, and 12th Gen Intel® Core™ processors. It supports up to 64GB DDR4 3200 memory, three displays (2 x DisplayPort and HDMI), M.2 SSDs, and up to four USB 3.2 Gen 1. Optional WLAN and COM ports are available. Expandable with a high-performance graphics card, it features an 80 PLUS power supply and Shuttle's I.C.E. heatpipe cooling for energy efficiency and reliable operation, ideal for various applications including 3D visual computing, AI content creation, network security systems, and gaming entertainment stations.

Triple Displays | PCIe x 16 5.0 | DDR4-3200

Feature

- Support 14th/ 13th/ 12th Gen Intel® Core™, Pentium® Gold, Celeron® 65W processor
- 4K UHD Experience and Triple Display Productivity
- Built-in four USB 3.2 Gen1, four USB 2.0, an on-board RS232 header, and Intel® Gigabit LAN
- Equipped with Shuttle's exclusive I.C.E 2 cooling engine
- Support up to 64GB DDR4-3200 memory (32GB x 2)
- Equipped with one PCIe Gen5 x 16, one PCIe Gen3 x 1, one M.2 2280 M Key (PCIe 3.0 x 4 / SATA), and one M.2 2230 E Key

SW580R8

ECC RAM

PCIe 4.0

Xeon-Powered Mini-Workstation

Built for Complex Computing and Visualization

The Shuttle XPC cube SW580R8 supports Intel® Xeon® W-1000 series processors, up to four 3.5" hard disks with RAID, 128 GB DDR4-3200 RAM, and dual-slot graphics cards. It also accommodates Xeon W-series processors with ECC and vPro, enhancing stability and enabling remote management. With four network ports (two at 2.5 GBit/s), an additional M.2 slot for SSDs, and a TPM security chip, it's ideal for demanding mini-servers and workstations for tasks such as file and lightweight database operations, graphics design, multimedia content creation, 3D rendering, and more.

Feature

- Support Intel® Xeon® W-1000 series processors and 10th / 11th Gen Intel® Core™ processors
- Support DDR4-3200 ECC / Non-ECC memory up to 128GB
- Support Intel® vPro® that helps minimize the risks associated with security threats
- Equipped with one PCIe 4.0 x 16, one PCIe 3.0 x 4, and two M.2 slots (1 × M.2-2280, 1 × M.2-2230)
- Dual 2.5 Gigabit LAN and dual Intel® Gigabit Lan support for Wake on Lan
- Built-in 4 x USB 3.2 Gen2, 4 x USB 3.2 Gen1 (includes a Type-C), and 4 x USB 2.0

SH570R6

Connect, Create, and Work Faster

For Seamless Multi-Tasking

The Shuttle XPC cube SH570R6 is compatible with 10th/11th Generation Intel® Core™ processors and offers support for dual-channel DDR-3200MHz DDR4 memory up to 128GB. This model features triple display capabilities through one HDMI and two DisplayPort outputs, facilitating enhanced productivity for professional applications. Additionally, it is equipped to accommodate a dual-slot graphics card, fast M.2 NVMe SSD drives, and two 3.5'' hard drives in RAID, with multiple USB connectivity. The device also boasts extensive network connectivity options, including dual Gigabit LAN and an M.2 slot for Wi-Fi module expansion.

Feature

- Support 10th / 11th Gen Intel® Core™, Pentium®, Celeron® 125W LGA 1200 processors
- Provided 4 x USB 3.2 Gen 2, 4 x USB 3.2 Gen 1 (including one with Type-C) and 4 x USB 2.0
- 4 x SATA with space for 2 x 3.5” and 1 x 5.25” drives
- Equipped with one PCIe 4.0 x 16, one PCIe 3.0 x 4, and two M.2 slots (1 × M.2-2280, 1 × M.2-2230)
- Dual Intel® Gigabit LAN supports Wake On LAN
- 300 watt power supply unit (80 PLUS Bronze)

PCIe 4.0 | Triple Displays | Dual 1G LAN

SH610R4

Processor	Intel® 14th/13th/12th Gen LGA1700 socket Core i3/i5/i7/i9, Pentium, Celeron 125W processor
Chipset	Intel® H610
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz VGA : 1920x1080@60Hz DisplayPort : 4096 x 2160@60Hz
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 MHz, Max. 64GB
Storage	2 x 3.5" HDD / 1 x 5.25" ODD Bay
RAID	-
Expansion Slot	PCI Express Slots : 1 x PCI-e Gen5 x 16 / 1 x PCI-e Gen3 x 1 M.2 : 1 x M.2 2280, M Key / 1 x M.2 2230, E Key
Audio	HD 5.1 channel
HDMI Port	1
DisplayPort	2
VGA Port	1
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	-
USB 2.0 (Rear)	4
COM Port	1 (optional)
Line in/ Line out/Mic in	1 / 2 / 2
Network	LAN : 1 x Intel® 1G LAN WLAN : Optional
Dimension	L : 329 x W: 216 x H : 198 mm
Weight	NW (kg) : 3.3 / GW (kg) : 4.4
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~40
Chassis	Aluminum
Power Supply	300W 80 Plus Bronze Flex ATX
Operating System	Windows 11 64bit, Linux
Optional Accessories	WLN-M, PHD3

SW580R8

Processor	Intel ® 11th / 10th Gen LGA1200 socket Xeon W1000 series, Core i3/i5/i7/i9, Pentium, Celeron 125W processor
Chipset	Intel® W580
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	4 x DDR4 3200 / 2933 / 2666, Max. 128GB (ECC DRAM support with Xeon)
Storage	4 x 3.5" HDD
RAID	0, 1, 5, 10
Expansion Slot	PCI Express Slots : 1 x PCI-e Gen4 x 16 / 1 x PCI-e Gen3 x 4 M.2 : 2 x M.2 2280, M Key / 1 x M.2 2230, E Key
Audio	HD 5.1 channel
HDMI Port	1
DisplayPort	2
VGA Port	-
USB 3.2 (Front)	Gen1 : 4 (Include Type C x1)
USB 3.2 (Rear)	Gen2 : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	4
COM Port	1 (optional)
Line in/ Line out/Mic in	1 / 2 / 2
Network	LAN : 2 x Intel® 1G LAN / 2 x Realtek 2.5G LAN WLAN : Optional
Dimension	L : 332 x W: 216 x H : 198 mm
Weight	NW (kg) : 3.5 / GW (kg) : 5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~40
Chassis	Aluminum
Power Supply	500W 80 Plus Gold Flex ATX
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M, PHD3

SH570R8

Processor	Intel ® 11th / 10th Gen LGA1200 socket Core i3/i5/i7/i9, Pentium, Celeron 125W processor
Chipset	Intel® H570
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC/H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	4 x DDR4 3200 / 2933 / 2666 MHz, Max. 128GB
Storage	4 x 3.5" HDD
RAID	0, 1, 5, 10
Expansion Slot	PCI Express Slots : 1 x PCI-e Gen4 x 16 / 1 x PCI-e Gen3 x 4 M.2 : 1 x M.2 2280, M Key / 1 x M.2 2230, E Key
Audio	HD 5.1 channel
HDMI Port	1
DisplayPort	2
VGA Port	-
USB 3.2 (Front)	Gen1 : 4 (Include Type C x1)
USB 3.2 (Rear)	Gen2 : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	4
COM Port	1 (optional)
Line in/ Line out/Mic in	1 / 2 / 2
Network	LAN : 2 x Intel® 1G LAN WLAN: Optional
Dimension	L : 332 x W: 216 x H : 198 mm
Weight	NW (kg) : 3.5 / GW (kg) : 5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~40
Chassis	Aluminum
Power Supply	500W 80 Plus Gold Flex ATX
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M, PHD3

SH570R6

Processor	Intel ® 11th / 10th Gen LGA1200 socket Core i3/i5/i7/i9, Pentium, Celeron 125W processor
Chipset	Intel® H570
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9, AV1
Memory	4 x DDR4 3200 / 2933 / 2666 MHz, Max. 128GB
Storage	2 x 3.5" HDD / 1 x 5.25" ODD Bay
RAID	0, 1, 5, 10
Expansion Slot	PCI Express Slots : 1 x PCI-e Gen4 x 16 / 1 x PCI-e Gen3 x 4 M.2 : 1 x M.2 2280, M Key / 1 x M.2 2230, E Key
Audio	HD 5.1 channel
HDMI Port	1
DisplayPort	2
VGA Port	-
USB 3.2 (Front)	Gen1 : 4 (Include Type C x1)
USB 3.2 (Rear)	Gen2 : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	4
COM Port	1 (optional)
Line in/ Line out/Mic in	1 / 2 / 2
Network	LAN : 2 x Intel® 1G LAN WLAN: Optional
Dimension	L : 332 x W: 215 x H : 190 mm
Weight	NW (kg) : 3.5 / GW (kg) : 4.5
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~40
Chassis	Aluminum
Power Supply	300W 80 Plus Bronze Flex ATX
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M, PHD3

SH510R4

Processor	Intel ® 11th / 10th Gen LGA1200 socket Core i3/i5/i7/i9, Pentium, Celeron 125W processor
Chipset	Intel® H510
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz VGA : 1920 x 1080@60Hz DisplayPort : 4096 x 2160@60Hz
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 MHz, Max. 64GB
Storage	2 x 3.5" HDD / 1 x 5.25" ODD Bay
RAID	-
Expansion Slot	PCI Express Slots : 1 x PCI-e Gen4 x 16 / 1 x PCI-e Gen3 x 1 M.2 : 1 x M.2 2280, M Key / 1 x M.2 2230, E Key
Audio	HD 5.1 channel
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	-
USB 2.0 (Rear)	4
COM Port	1 (optional)
Line in/ Line out/Mic in	1 / 2 / 2
Network	LAN : 1 x Intel® 1G LAN WLAN : Optional
Dimension	L : 329 x W: 216x H : 198 mm
Weight	NW (kg) : 3.3 / GW (kg) : 4.4
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~40
Chassis	Aluminum
Power Supply	300W 80 Plus Bronze Flex ATX
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WLN-M, PHD3

* Graphics and PCIe specifications may vary depending on CPU support

XPC SLIM 3L-5L

Lightweight Package And Big Value Mini Pc

The XPC slim 3L-5L series features a modern and space-saving chassis. Its prominent feature is maintaining compactness while allowing expansion of multi-functionality for AI and IoT application needs. Moreover, it offers robust and reliable performance and provides rich connectivity for various industrial and commercial applications.

XH610G2

5-liter Mini AI Workstation

With Brilliant Expansion Capabilities

The Shuttle XH610G2 is a compact 5-liter device designed to function as an AI mini-workstation for various professional needs. Powered by the Intel® H610 chipset, this model supports 14th/ 13th/ 12th Gen Intel® Core™ Desktop Processors and dual DDR5 5600MHz, enabling simultaneous operation of three Ultra HD displays through 2 x HDMI and 1 x DisplayPort connections. Moreover, it comes with dual-slot discrete graphics card slots and an optional LTE expansion kit, ensuring high performance for tasks like image recognition, TV wall splicing, 3D video creation, and efficient AI data processing.

DDR5 | Triple Displays | M.2 | Dual PCI-E

Feature

- Intel® 14th/ 13th/ 12th Gen Core™ Processors with integrated Intel® UHD Graphics
- **Versatile I/O :** USB 3.2 Gen 1, 2.5G / 1G dual LAN
- Built-in one PCI-E x16 slot and one PCI-E x1 slot for graphics cards / video capture cards expansion
- 4K Triple Display Capability via 2 x HDMI 2.0b, 1 x DisplayPort (up to 4096 x 2160)
- Optional COM Port for Enhanced Peripheral Connectivity
- Expandable 2 x M.2 2280, M key (PCIe 4.0, SATA Gen3.0 SSD / SATA Gen3.0 SSD only), 1 x M.2 2230, E key slot (WLAN)

XH610G

3-liter Mini Workstation PC

Expanding Possibilities for AIoT Computing

The Shuttle XH610G embodies the essential concept of efficient AIoT computing within its compact 3-liter form factor. Equipped with the Intel® H610 chipset, it is compatible with 14th/13th/12th generation Intel® Core desktop processors and up to 64GB dual-channel DDR5-5600 RAM. The system also boasts a single-slot PCI-Express for graphics card, accelerator card or other add-on card expansion to adapt to diverse application needs. The XH610G enables triple display through 2 x HDMI and 1 x DisplayPort enhancing productivity. This versatile mini-PC suits tasks like automation, KIOSK, graphic design, and AI data analysis.

DDR5 | Triple Displays | M.2 | PCI-E

Feature

- Intel® 14th / 13th / 12th Gen Core™ Processors with integrated Intel® UHD Graphics
- **Versatile I/O :** USB 3.2 Gen 1, 2.5G / 1G dual LAN
- Expandable 2 x M.2 2280, M key (PCIe 4.0, SATA Gen3.0 SSD / SATA Gen3.0 SSD only), 1 x M.2 2230, E key slot (WLAN)
- 4K Triple Display Capability via 2 x HDMI 2.0b, 1 x DisplayPort (up to 4096 x 2160)
- Optional COM Port for Enhanced Peripheral Connectivity
- Integrated PCI-E x 16 slot to provide expansion capabilities for additional hardware components

XH610 / XH610V

Affordable 3-liter Powerhouse

Diverse Connectivity, Endless Versatility

The Shuttle XH610 / XH610V, part of the 3-liter series, offers extensive connectivity and storage support. Compatible with 14th/ 13th/ 12th Gen Intel® Core™ desktop processors and dual-channel DDR4-3200 memory (up to 64GB), these models boast HDMI, DisplayPort, and VGA interfaces, as well as multiple USB ports and 2 sets of COM ports, each model features unique design enhancements. The XH610V supports three 2.5-inch HDD/SSD or one 3.5-inch HDD (optional accessory) or slim optical drive. The XH610 can expand to three RS-232 interfaces with the optional PCM31 accessory. Ideal for various commercial environments such as self-service terminals, vending machines, digital signage, and surveillance applications.

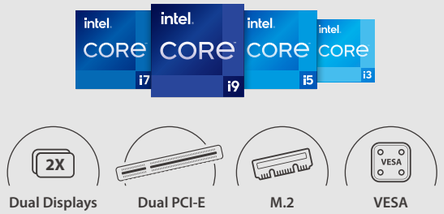
intel. core i7 | intel. core i9 | intel. core i5 | intel. core i3

Triple Displays | 3 x 2.5" SSD/HDD | 2.5GB LAN | 24 / 7

Feature

- Support 14th/ 13th/ 12th Gen Intel® Core™, Pentium®, Celeron® 65W LGA 1700 processors
- Support one 3.5" HDD (optional with PHD4)
- Three independent displays via one HDMI 2.0b, one DisplayPort, and one VGA
- 2280 M Key (PCIe 4.0 x4 / SATA), 1 x M.2 2230 E Key
- Intel® 2.5GbE + Intel® 1GbE LAN
- **Rich connectivity :** 4 x USB 3.2 Gen1 (include type-C x 1), 4 x USB 2.0, 2 x RS232

XH510G2



High-Performance and Durable

Flexible 4.75-liter Mini-PC With PCIE Slot

Shuttle XPC slim XH510G2 supports 10th/ 11th Gen Intel® Core™ processors delivering high-performance computing for high-speed processing applications. Despite its 4.75-liter volume compact chassis, XH510G2 provides two PCI-E slots that allow the installation of add-on cards such as graphics cards, capture cards, or more to meet diverse application requirements. Furthermore, it offers multiple interfaces to connect peripherals, including 4 x USB 3.2 Gen1, 4 x USB 2.0, an HDMI 2.0, a DisplayPort 1.4, M.2 slots, and Intel® Gigabit LAN. As a result, it is perfect for digital signage, data analytics, IP video surveillance, visualization projects, and kiosks.

Feature

- Support 10th/ 11th Gen Intel® Core™, Pentium®, Celeron® 65W LGA 1200 processors
- Dual display productivity via one HDMI 2.0 and one DisplayPort 1.4
- 24/7 Certified, operable in 0-50ºC
- Integrated Dual PCI-E Slots for various card installations : one PCI-E x 16 and one PCI-E x 1
- **Rich connectivity :** 4 x USB 3.2 Gen 1, 4 x USB 2.0, 3 x M.2 slot, SATA connector, Intel® Gigabit LAN

∗ PCIe card size Max 205 x 120 x 45mm

Efficient Power In 3-liter Package

Expand Applications with Single PCIE Slot

The Shuttle XPC slim XH510G is a compact 3-liter PC that accommodates a single-slot PCI-Express expansion card and is compatible with LGA 1200 10th/ 11th Gen Intel Core processors. Equipped with a variety of I/O ports such as 4 x USB 3.2 Gen 1, 4 x USB 2.0, a SATA connector, 3 x M.2 slots, and an Intel® Gigabit LAN, this model is particularly suitable for a range of professional uses that prioritize performance, adaptability, and a compact form factor. These applications encompass video wall displays, graphic design workstations, media capture, surveillance systems, point-of-sale (POS) and point-of-information (POI) terminals, as well as network and industrial settings.

XH510G

Dual Displays | PCIe Slot | VESA | 24/7

Feature

- Support 10th/11th Gen Intel® Core™, Pentium®, Celeron® 65W LGA 1200 processors
- Dual display productivity via one HDMI 2.0 and one DisplayPort 1.4
- 24/7 Certified, operable in 0-50°C
- Built-in a PCI-e x 16 expansion slot for various card installation (maximum size 208.5 x 120 x 30mm)
- **Rich connectivity :** 4 x USB 3.2 Gen 1, 4 x USB 2.0, 3 x M.2 slot, SATA connector, Intel® i219LM Gigabit LAN

XH610G

Cooling system	Smart fan
Processor	Intel® 14th/ 13th / 12th Generation Core™ i3/i5/i7/i9, Pentium®, Celeron® LGA1700 CPU max. TDP 65W
Chipset	Intel® H610
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	3 Independent Displays
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 9.5 mm)
Expansion Slot	1 x M.2 2280, M key / 1 x M.2 2230, E Key 1 x PCIe Gen5x16 (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	LAN : 1 x Intel® 1G LAN / 1 x Intel® 2.5G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 250 x W: 200 x H : 78.5 mm
Weight	NW (kg) : 1.9 / GW (kg) : 3.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19.5V / 9.23A 180W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, WLN-M, PS01

XH610G2

Cooling system	Smart fan
Processor	Intel® 14th / 13th / 12th Generation Core™ i3/i5/i7/i9, Pentium®, Celeron® LGA1700 CPU max. TDP 65W
Chipset	Intel® H610
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	3 Independent Displays
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 9.5 mm)
Expansion Slot	2 x M.2 2280, M key / 1 x M.2 2230, E Key 1 x PCIe Gen5x16 / 1 x PCIe Gen3x1 (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	LAN : 1 x Intel® 1G LAN / 1 x Intel® 2.5G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 250 x W: 200 x H : 95 mm
Weight	NW (kg) : 2.98 / GW (kg) : 3.49
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19.5V / 9.23A 180W external adapter
Operating System	Windows 11 64 bit, Linux
Optional Accessories	PVG01, PRC02, WLN-M, WWN03

XH610/XH6 10V

Cooling system	Smart fan
Processor	Intel® 14th / 13th / 12th Gen LGA1700 socket Core i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H610
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz VGA : 1920 x 1080@60Hz DisplayPort : 4096 x 2160@60Hz
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 MHz, Max. 64GB
Storage	2 x 2.5" HDD / SSD + 1 x slim ODD or 3 x 2.5" HDD / SSD
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
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 / 2 / 2
Network	LAN : 1 x Intel® 1 G LAN / 1 x Intel® 2.5G LAN WLAN: Optional
VESA	Optional (PV02)
Dimension	XH610 : L : 238 x W: 200 x H : 72 mm XH610V : L : 240 x W: 200 x H : 72 mm
Weight	NW (kg) : 2.2 / GW (kg) : 3.5
Certification	CB, CE, BSMI, cT UVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 12 V or 19V DC in Bundled Adapter : 19V / 6.32A 120W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	PS01, PV02, PHD 4, WLN-M, PCM31

* BIOS v2.03 and up to version support Raptor Lake (13th) CPU

XH510G2

Cooling system	Smart fan
Processor	Intel® 11th/10th Gen LGA1200 socket Core i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H510
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
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 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 9.5 mm)
Expansion Slot	2 x M.2 2280, M Key / 1 x M.2 2230, E Key 1 x PCIe Gen3 x 16 / 1 x PCIe Gen3 x 1 (PCIe card size Max 205 x 120 x 45mm)
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	RS232 x 1 (Optional)
Line in/ Line out/Mic in	- / 1 / 1
Network	LAN : 1 x Intel® 1G LAN WLAN: Optional
VESA	Bracket included
Dimension	L : 250 x W : 200 x H : 95 mm
Weight	NW (kg) : 2.98 / GW (kg) : 3.49
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, VCCI, RoHS
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19.5V / 9.23A 180W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	PVG01, PRC01, WLN-M, WWN03

XH510G

Cooling system	Smart fan
Processor	Intel® 11th / 10th Gen LGA1200 socket Core i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H510
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
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 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 9.5 mm)
Expansion Slot	2 x M.2 2280, M Key / 1 x M.2 2230, E Key 1 x PCIe Gen3 x 16 (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	RS232 x 1 (Optional)
Line in/ Line out/Mic in	- / 1 / 1
Network	LAN : 1 x Intel® 1G LAN WLAN: Optional
VESA	Bracket included
Dimension	L : 250 x W : 200 x H : 78.5 mm
Weight	NW (kg) : 1.9 / GW (kg) : 3.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, VCCI, RoHS
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19.5V / 9.23A 180W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	PVG01, WLN-M, PS01

* Graphics and PCIe specifications may vary depending on CPU suppor t

XPC
SLIM 1L

Packed with Clever Features In A Slim 1L Volume

Measuring just a few centimeters thick, the XPC slim 1L series packs ingenious technology, making it capable of multitasking and suitable for any limited space. Multiple interfaces deliver expandability, while VESA mount compliance ensures easy fitting in any location. It's ideal for AIoT and digital signage applications.

DH670 / DH670 V2

Quad Displays | USB 3.2 Gen2 | Dual 2.5G LAN | 24 / 7

Refined Performance In A Compact 1-lit er

Supports LGA1700 Intel Core and Four UHD Display

Shuttle DH670 and DH670 V2 are compatible with 14th/ 13th/ 12th Gen Intel® Core™ Desktop Processors designed with advanced hybrid architecture, delivering up to 24 cores and 32 threads for high performance. Despite its slim 1-liter chassis, these models support dual-channel DDR4-3200 memory (Max. 64GB) and up to four stunning 4K displays via 2 x HDMI and 2 x DisplayPort. They also offer up to dual Intel 2.5G LAN, four USB 3.2Gen2, COM ports, and M.2 expansion slots, making this series cater to diverse business needs like AI computing at the edge and clear dynamic visuals, ideal for computer vision, NVRs, digital signage, Kiosks, healthcare and automation.

Feature

- Support 14th/13th/12th Gen Intel® Core™, Pentium®, Celeron® 65W LGA 1700 processors
- Support up to 64GB DDR4-3200 memory
- Four independent displays via two HDMI 2.0b and two DisplayPort
- **Flexible connectivity :** 4 x USB 3.2 Gen2, 4 x USB 3.2 Gen1 (including one Type-C), 2 x RS232, 1 x M.2 2280 M Key (PCIe 4.0 x 4 / SATA), 1 x M.2 2230 E Key
- **DH670 V2 :** Dual Intel® 2.5 Gigabit LAN
  DH670 : Dual Intel® Gigabit LAN

DH610

Efficient Power In 1-liter Slim PC

Supports LGA1700 Intel Core and Three UHD Display

Shuttle DH610 is a 1-liter Slim PC featuring 14th/ 13th/ 12th Gen Intel® Core™ processor with socket LGA1700. With Intel's hybrid architecture design and dual-channel DDR4-3200 memory (Max. 64GB), Supporting up to triple displays and comprehensive connectivity, including HDMI 2.0b, DisplayPort, USB 3.2 Gen1 (including Type-C), USB 2.0, RS232, Intel® 2.5GbE + Intel® 1GbE LAN, and M.2 expansion slots, this model offers reliable performance and flexibility for POI / POS, digital signage, gambling machine, healthcare and industry.

Triple Displays | USB 3.2 Gen1 | 2.5G LAN | 24/7

Feature

- Support 14th/ 13th/ 12th Gen Intel® Core™, Pentium®, Celeron® 65W LGA 1700 processors
- Intel® 2.5GbE + Intel® 1GbE LAN
- 24/7 operations in 0-50°C environments
- Three independent displays via one HDMI 2.0b and two DisplayPort
- 4 x USB 3.2 Gen1 (including one Type-C), 4 x USB 2.0, 2 x RS232, 1 x M.2 2280 M Key (PCIe 3.0 x 4 / SATA), 1 x M.2 2230 E Key

DH32U SERIES

4 x HDMI | Quad Displays | Dual 1G LAN | 24 / 7

1-liter Slim PC Support Four Displays

Featuring Intel® Tiger Lake-U Core™ Processors

Shuttle DH32U series is a 1-liter PC powered by Intel® 11th Tiger Lake-U processors. Its integrated Intel® Iris® Xe graphics and high-speed DDR4-3200Mhz memory provide exceptional bandwidth for faster transmission and superior graphics performance, making the DH32U series efficient for Edge IoT computing scenarios. With support for up to four independent displays at 4K resolution and 60Hz refresh rate via its four native HDMI outputs, DH32U series delivers outstanding performance in video walls, video conferencing, network video recorders in security systems, and other video-based machine vision applications.

Feature

- CPU options of 11th Gen Intel® Core™ i3-1115G4 / i5-1135G7 / i7-1165G7, Pentium® 7505
- Built-in Intel® Iris® Xe graphics*
- 4 Native HDMI 2.0b for Quad displays
- 1 x M.2 2280 M key (PCIe Gen 4 x 4 / SATA mode) for SSD, 1 x M.2 2230 E key for WIFI
- **Rich IO ports :** 4 x USB 3.2 Gen2, 4 x USB 3.2 Gen1, 2 x RS232, 2 x Intel® Gigabit LAN
- **EDID (Extended Display Identification Data) :** Support by the DH32UE model, allowing uninterrupted content playback even with transmission interruptions.

* Intel® Iris® Xe graphics for Core™ i5/i7 model only

DN11H

Cooling system	Smart fan
Processor	Intel® Meteor Lake Core / Ultra 5 processor 125H Ultra 7 processor 155H / Ultra 9 processor 185H
Chipset	Integrated in CPU
Graphics	Intel® Arc™ graphics
Display Resolution Max.	HDMI : 7680 x 4320@60Hz DisplayPort : 7680 x 4320@60Hz
Display Output	4 Independent Displays
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MHz, Max. 96GB
Storage	-
RAID	0, 1
Expansion Slot	3 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	2
DisplayPort	2
VGA Port	-
USB 3.2 (Front)	Gen2 : 4(Include Type C x 2)
USB 3.2 (Rear)	Gen2 : 4
USB 2.0 (Front)	-
USB 2.0 (Rear)	-
COM Port	-
Line out / Mic in	1 / 1
Network	LAN : 4 x Intel® 2.5G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : TBD / GW (kg) : TBD
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 6.32A 120W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	WLN-M, PS02, WWN04

DH770

Cooling system	Smart fan
Processor	Intel® 14th / 13th / 12th Gen LGA1700 socket Core i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H770
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	4 Independent Displays
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5600 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 12.5 mm)
RAID	0, 1
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	2
DisplayPort	2
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2 (Include Type C x 1) Gen2 : 2
USB 3.2 (Rear)	Gen1 : 2 Gen2 : 2
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	LAN : 2 x Intel® 2.5G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 1.3 / GW (kg) : 2.05
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 6.32A 120W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	WLN-M, PVG01, PS02, WWN03

DH670/DH670 V2

Cooling system	Smart fan
Processor	Intel® 14th / 13th/ 12th Gen LGA1700 socket Core i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H670
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	4 Independent Displays
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR4 3200 / 2933 / 2666 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 12.5 mm) / 1 x SD card (only DH670)
RAID	0, 1
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	2
DisplayPort	2
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2 (Include Type C x 1) / Gen2 : 2
USB 3.2 (Rear)	Gen1 : 2 / Gen2 : 2
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	LAN : 2 x Intel® 1G LAN (DH670) / 2 x Intel® 2.5G LAN (DH670 V2) WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 1.3 / GW (kg) : 2.05
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 6.32A 120W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	WLN-M, PVG01, PS02, WWN03

* BIOS v2.05 and up to version support Raptor Lake (13th) CPU

DH610

Cooling system	Smart fan
Processor	Intel® 14th/13th/12th Gen LGA1700 socket Core i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H610
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
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 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 12.5 mm)
RAID	-
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	2
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2(Include Type C x 1)
USB 3.2 (Rear)	Gen1 : 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	LAN : 1 x Intel® 1G LAN / 1 x Intel® 2.5G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 1.3 / GW (kg) : 2.05
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 6.32A 120W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	WLN-M, PVG01, PS02, WWN03

* BIOS v2.02 and up to version support Raptor Lake (13th) CPU

DH610S

Cooling system	Smart fan
Processor	Intel® 14th / 13th / 12th Gen LGA1700 socket Core i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H610
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	2 Independent Displays
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR4 3200 / 2933 / 2666 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 12.5 mm)
RAID	-
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	1
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2 (Include Type C x 1)
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
COM Port	-
Line out / Mic in	1 / 1
Network	LAN : 1 x Intel® 1G LAN WLAN : Optional
VESA	Optional
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 1.3 / GW (kg) : 2.05
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 6.32A 120W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	WLN-M, PVG01, PS02, WWN03, PV04

* BIOS v2.01 and up to version support Raptor Lake (13th) CPU

DH470

Cooling system	Smart fan
Processor	Intel® 10th Gen LGA1200 socket Core i3/i5/i7/i9, Pentium, Celeron 65W processor
Chipset	Intel® H470
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
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 2933 / 2666 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 12.5 mm) / 1 x SD card (Optional)
RAID	0, 1
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	2
VGA Port	Optional
USB 3.2 (Front)	Gen1 : 2 (Include Type C x 1) / Gen2 : 2
USB 3.2 (Rear)	Gen1 : 2 / Gen2 : 2
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	LAN : 2 x Intel® 1G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 1.2 / GW (kg) : 2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 4.74A 90W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	WLN-M, PVG01, PS02, WWN03

DH32U SERIES

Cooling system	Smart fan
Processor	Intel® Pentium® Gold 7505 or Intel® i3-1115G4 / i5-1135G7 /i7-1165G7
Chipset	Integrated in CPU
Graphics	Intel® UHD or Iris® Xe Graphics
Display Resolution Max.	HDMI : 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 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 12.5 mm) / 1 x SD card
RAID	-
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	4
DisplayPort	-
VGA Port	Optional
USB 3.2 (Front)	Gen2 : 4
USB 3.2 (Rear)	Gen1 : 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	LAN : 2 x Intel® 1G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 1.03 / GW (kg) : 2.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 4.74A 90W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	WLN-M, PVG01, PS02, WWN03

DH02U SERIES

Cooling system	Smart fan
Processor	Intel® Celeron 3865U or Intel® i3-7100U / i5-7200U / i7-7500U
Chipset	Integrated in CPU
Graphics	NVIDIA GeForce GTX 1050 GPU 4GB
Display Resolution Max.	HDMI : 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 MHz, Max. 32GB
Storage	1 x 2.5" HDD / SSD (max. 12.5 mm)
RAID	-
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	4 (HDMI 2.0)
DisplayPort	-
VGA Port	-
USB 3.2 (Front)	Gen1 : 2
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	2
USB 2.0 (Rear)	-
COM Port	1 x RS232
Line out / Mic in	1 / 1
Network	LAN : 1 x Intel® Gigabit LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 2.2 / GW (kg) : 3.5
Certification	CB, CE, BSMI, ETL, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~50
Chassis	Metal
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 6.32A 120W external adapter
Operating System	Windows 10 64bit, Linux
Optional Accessories	WLN-M, PS02

XPC
FANLESS

Fanless, Energy-Efficient, And Silent Operation

The XPC fanless series features a passive thermal cooling system, ensuring efficient heat dissipation under varying computing workloads while combining low power consumption and reliability.
In addition, in vertical applications that run 24/7, the fanless design helps extend the system's MTBF (mean time between failures), minimizing maintenance efforts and downtime costs

DS50U SERIES

Silent Cooling, Powerful Core

Efficient Fanless 1-liter Slim PC with 13th Gen Strength

The DS50U series offers a compact, fanless design in a sturdy 1.3-liter metal casing with excellent connectivity. Supporting two UHD / 4K displays and a VGA, it features an integrated 12th/ 13th Gen Intel Gen Raptor Lake-U processors for smooth 2160p / 60 video playback. With ample interior space for two DDR5 memory modules, one 2.5" drive, and two M.2-2280 SSD cards, installation is hassle-free. Add a 4G / 5G module via the optional WWN04 accessory. Its passive cooling design ensures low maintenance and 24/7 operation. Despite its high performance, it's energy-efficient, making it ideal for digital signage, POS, kiosks, thin clients, office PCs, and multimedia use.

Triple Displays | Fanless | Dual LAN | 24 / 7

Feature

- CPU options of Core™ i3-1315U / i5-1335U / i7-1355U, Intel® processor U300, Intel® Celeron® 7305
- Support optional WiFi ac+BT kit and 5G / LTE network extension kit
- 1 x Intel® 2.5G LA + 1 x Intel® 1G LAN
- **Great connectivity :** 2 x USB3.2 Gen2, 4 x USB3.2 Gen1, 2 x USB2.0, 1 x RS232, 2 x M.2 2280 M Key and 1 x M.2 2230 E Key
- Triple-display productivity via HDMI 2.0b, DisplayPort 1.4a, and VGA outputs

DL30N SERIES

Triple Displays | Fanless | Dual 2.5G LAN | VESA

Reliable Fanless 1-liter Slim PC

Powering Compact Network-Centric Solutions

The Shuttle DL30N series is a fanless PC featuring energy-efficient Intel® Alder Lake-N processors and DDR5-4800 support, ideal for compact PC systems tailored for network-centric applications. With robust network connectivity via dual Intel 2.5G LANs, the optional accessory WWN03 facilitates the integration of an LTE model for convenient mobile internet access. Powered by Intel UHD Graphics, it provides hardware acceleration for 4K videos. With extensive I/O interfaces, including HDMI, DisplayPort, VGA, USB 3.2 Gen1, and RS232, seamless integration into digital signage, kiosks, POS machines, and IoT/edge computing is ensured.

Feature

- CPU options of Intel® i3-N300 or Intel® Processor N200 / N100
- 24/7 certified in 0-40˚C environments
- Support optional Wi-Fi ac+BT kit and 4G / LTE adapter kit
- Triple-display productivity via HDMI 2.0b, DisplayPort 1.4a, and VGA outputs
- **Great connectivity :** 2 x Intel® 2.5G LAN, 8 x USB3.2 Gen1 and 2 x RS232

DS50U SERIES

Cooling system	Fanless
Processor	Intel® Celeron 7305 / Intel® Processor U300 / Intel® i3-1315U / i5-1335U / i7-1355U
Chipset	Integrated in CPU
Graphics	Intel® UHD or Iris® Xe Graphics
Display Resolution Max.	HDMI : 4096 x 2160@60Hz VGA : 1920 x 1080@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	3 Independent Displays
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 5200MHz Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 9.5 mm)
Expansion Slot	2 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen1 : 4 / Gen2 : 2
USB 3.2 (Rear)	-
USB 2.0 (Front)	-
USB 2.0 (Rear)	2
COM Port	1
Line out / Mic in	1 / 1
Network	LAN : 1 x Intel® 1G LAN + 1 x 2.5G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 200 x W: 165 x H : 39.5 mm
Weight	NW (kg) : 1.6 / GW (kg) : 2.85
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~40
Chassis	Metal + Plastic
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 4.74A 90W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	WWN04, WLN-M

DS20U/DS20U V2 SERIES

Cooling system	Fanless
Processor	Intel® Celeron 5205U or Intel® i3-10110U / i5-10210U / i7-10510U
Chipset	Integrated in CPU
Graphics	Intel® UHD Graphics
Display Resolution Max.	HDMI : 4096 x 2160@60Hz VGA : 1920 x 1080@60Hz DisplayPort : 4096 x 2160@60Hz
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 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 12.5 mm) / 1 x SD card
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen1 : 2 (for Celeron) / Gen2 : 2 (for Core i series)
USB 3.2 (Rear)	Gen1 : 2 (for Celeron) / Gen2 : 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	LAN : 2 x Intel® 1G LAN (DS20U series) 1 x Intel® 1G LAN + 1 x 2.5G LAN (DS20U V2 series) WLAN : Optional
VESA	Bracket included
Dimension	L : 200 x W: 165 x H : 39.5 mm
Weight	NW (kg) : 1.4 / GW (kg) : 2.1
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~40
Chassis	Metal + Plastic
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 3.42A 65W external adapter
Operating System	Windows 10/11 64bit, Linux
Optional Accessories	WWN03, WLN-M

DL30N SERIES

Cooling system	Fanless
Processor	Intel® i3-N300 or Intel® Processor N200 / N100
Chipset	Integrated in CPU
Graphics	Intel® UHD Graphics
Display Resolution Max.	HDMI : 4096 x 2160@60Hz VGA : 1920 x 1080@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800MHz, Max. 16GB
Storage	1 x 2.5" HDD / SSD (max. 9.5mm)
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen1 : 4
USB 3.2 (Rear)	Gen1 : 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	LAN : 2 x Intel® 2.5G LAN WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 1.15 / GW (kg) : 2.1
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~40
Chassis	Metal
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	PS02, WWN03, WLN-M

DL20N/DL20N V2 SERIES

Cooling system	Fanless
Processor	Intel® Celeron N4505 or Intel® Celeron N5105 / Pentium N6005
Chipset	Integrated in CPU
Graphics	Intel® UHD Graphics
Display Resolution Max.	HDMI : 4096 x 2160@60Hz VGA : 1920 x 1080@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	3 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, H.264, JPEG / MPEG, HEVC / H.265, VP9
Memory	2 x DDR4 2933 / 2666 MHz, Max. 16GB
Storage	1 x 2.5" HDD / SSD (max. 9.5mm) / 1 x SD card
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	1
VGA Port	1
USB 3.2 (Front)	Gen2 : 2
USB 3.2 (Rear)	Gen1 : 2
USB 2.0 (Front)	-
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	LAN : 1 x Intel® 1G LAN (DL20N series) 1 x Intel® 2.5G LAN (DL20N V2 series) WLAN : Optional
VESA	Bracket included
Dimension	L : 190 x W: 165 x H : 43 mm
Weight	NW (kg) : 1 / GW (kg) : 2.07
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~40
Chassis	Metal
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 2.1A 40W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	PS02, WWN01, WWN03, WLN-M

Palm-Sized PC for Smart Tasks And Digital Signage Solutions

XPC
NANO

Diminutive yet powerful, the XPC nano series boasts a mere 14cm width and offers rich I / O connectivity, ensuring display productivity and high-speed storage interfaces for diverse workplaces.

Meanwhile, our arm-based NS series digital signage solution prioritizes user-friendliness, and pre-installed Shuttle software facilitates easy content scheduling and dispatch via mobile devices.

NC40U SERIES

Meeting Diverse Business Needs

Versatile Performance in a Tiny Form

XPC Nano NC40U series is equipped with high-performance and energy-efficient 12th Gen Intel Core processors (Alder Lake-U). Despite its compact nano form factor with a volume of only 0.85L, this series offers a wide range of connectivity options and expansion capabilities. It can accommodate two NVMe / SSD cards in M.2-2280 format and one 2.5" hard drive (up to 15 mm thickness). Moreover, It supports the connection of up to three UHD displays (4K / 60Hz) and up to seven USB 3.2 devices, increasing adaptability for various vertical applications such as digital signage, POS systems, control systems, office use, conference rooms, and more.

Feature

- 12th Gen Intel® Core™ i7-1255U / i5-1235U / i3-1215U, Celeron® 7305 processer
- Built-in Intel® Iris® Xe graphics*
  *Intel® Iris® Xe graphics for Core™ i5 / i7 model only
- Three independent displays via one HDMI 2.0b, one DisplayPort, and one Type-C
- 2 x M.2 2280 M key (1 of PCIe Gen 4 x 4, and 1 of PCIe Gen3 x 4 / SATA mode), 1 x M.2 2230 E key
- Support up to 15mm 2.5-inch hard drive
- 2 x USB 3.2 Gen2, 5 x USB 3.2 Gen1 (including one Type-C), Intel® Gigabit LAN

2.5" SSD/HDD | VESA | 0-50°C

NC40U SERIES

Cooling system	Smart fan
Processor	Intel® Celeron 7305 or Intel® i3-1215U / i5-1235U / i7-1255U
Graphics	Intel® UHD or Iris® Xe Graphics
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
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 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 15 mm)
Expansion Slot	2 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	1
Type-C	1
USB 3.2 (Front)	Gen1 : 3 (Include Type C x 1)
USB 3.2 (Rear)	Gen1 : 2 / Gen2 : 2
USB 2.0 (Front)	-
USB 2.0 (Rear)	-
COM Port	-
Line out / Mic in	1 / 1
Network	LAN : 1 x Intel® 1G LAN WLAN : Optional
VESA	Bracket included
Stand	Bracket included
Dimension	L : 142 x W: 142 x H : 42 mm
Weight	NW (kg) : 0.4 / GW (kg) : 1.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~50
Chassis	Plastic
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 3.42A 65W external adapter
Operating System	Windows 11 64bit, Linux

NC10U SERIES

Cooling system	Smart fan
Processor	Intel® Celeron 4205U or Intel® i3-8145U / i5-8265U / i7-8565U
Graphics	Intel® UHD Graphics series
Display Resolution Max.	HDMI : 4096 x 2160@60Hz DisplayPort : 4096 x 2160@60Hz
Display Output	2 Independent Displays
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP8, VP9
Memory	2 x DDR4 2400 / 2133 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 15 mm) / 1 x SD card
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
DisplayPort	1
Type-C	-
USB 3.2 (Front)	Gen1 : 2 (Include Type C x 1)
USB 3.2 (Rear)	-
USB 2.0 (Front)	-
USB 2.0 (Rear)	2
COM Port	1 x RS232
Line out / Mic in	1 (Combo)
Network	LAN : 1 x Intel® 1G LAN WLAN : Realtek 802.11 b / g / n
VESA	Bracket included
Stand	Bracket included
Dimension	L : 142 x W: 142 x H : 42 mm
Weight	NW (kg) : 0.4 / GW (kg) : 1.2
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, VCCI, RoHS, RED
Operating Temperature (°C)	0~50
Chassis	Plastic
Power Supply	Power Input : 19V DC in Bundled Adapter : 19V / 3.42A 65W external adapter
Operating System	Windows 10 / 11 64bit, Linux

Affordable Power in 0.5-liter Package

Enhancing Digital Signage Deployment Ease

The Shuttle XPC nano NS02 / NS02 V2 series is the most affordable option in Shuttle's Mini PC range, boasting a modern design and dependable performance. This series features A and E versions, integrated with eight-core ARM processors, pre-installed Android OS, and Shuttle DS Creator software for digital signage content playback. With HDMI 2.0, 4 x USB 2.0 ports, Gigabit LAN, WLAN-ac functionality, and a built-in card reader, it is suitable for digital signage and thin client applications. Notably, the NS02EV2 supports Power-over-Ethernet (PoE), allowing it to be powered via the existing network cable, reducing deployment costs associated with separate power cables, AC outlets, and adapters.

NS02 / NS02V2 SERIES

Dual Displays | M.2 | Signage APP | VESA | PoE (NS02 / 03E only)

Feature

- Clear 4K Ultra HD display at 60Hz via HDMI 2.0
- Expansion options include an SD card reader and support for 2.5" HDD / SSD
- 802.11 a/b/g/n/ac and Bluetooth 5.0 combo connectivity
- 16GB eMMC storage capacity
- Built-in 10/100/1000 Mbps Ethernet, with PoE option (NS02E / NS02E V2 only)
- Ready for Android OS and Shuttle DS Creator software

NS03A

Processor	Rockchip RK3568 Quad Core up to 2.0GHz (ARM Cortex-A55)
Display Resolution Max.	HDMI 2.0 : 3840 x 2160@60Hz
Display Output	2 Independent Displays
Video Decoder	H.265, H.264, H.263, VP9, VP8, VC1,MPEG-1 / 2 / 4
Memory	2GB (default) / 4GB (option)
Storage	EMMC : 32GB Expansion : 1 x M.2 2280, M Key / 1 x SD card
HDMI Port	1 x HDMI 2.0
USB 3.2 Gen 1 (Front)	2
USB 2.0 (Rear)	2
Line out / Mic in Combo	1
Network	LAN : 1 x Realtek Gigabit LAN WLAN : 802.11 a / b/ g/ n/ ac / Bluetooth 5.2
VESA Mount	Bracket included
Dimension	L : 141 x W: 141 x H : 29 mm
Weight	NW (kg) : 0.27 / GW (kg) : 0.65
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, UKCA, VCCI
Operating Temperature (°C)	0~40
Chassis	Plastic
Power Supply	Power Input : 12V DC in Bundled Adapter : 12V / 3A 36W external adapter
Operating System	Android 11 (Pre-installed digital signage software)
Optional Accessories	-

NS03E

Processor	Rockchip RK3568 Quad Core up to 2.0GHz (ARM Cortex-A55)
Display Resolution Max.	HDMI 2.0 : 3840 x 2160@60Hz
Display Output	2 Independent Displays
Video Decoder	H.265, H.264, H.263, VP9, VP8, VC1,MPEG-1 / 2 / 4
Memory	2GB (default) / 4GB (option)
Storage	EMMC : 32GB Expansion : 1 x M.2 2280, M Key / 1 x SD card
HDMI Port	1 x HDMI 2.0
USB 3.2 Gen 1 (Front)	2
USB 2.0 (Rear)	2
Line out / Mic in Combo	1
Network	LAN : 1 x Realtek Gigabit LAN (Support PoE, 802.3at) WLAN : 802.11 a/ b/ g/ n/ ac / Bluetooth 5.2
VESA Mount	Bracket included
Dimension	L : 141 x W: 141 x H : 29 mm
Weight	NW (kg) : 0.3 / GW (kg) : 0.52
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, UKCA, VCCI
Operating Temperature (°C)	0~40
Chassis	Plastic
Power Supply	Power Input : Support POE (PD), 802.3at Bundled Adapter : -
Operating System	Android 11 (Pre-installed digital signage software)
Optional Accessories	-

NS02A V2

Processor	Rockchip RK3368 Octa Core 1.5GHz (ARM Cortex-A53)
Display Resolution Max.	HDMI : 3840 x 2160@60Hz
Display Output	1 Display
Video Decoder	H.264, H.265, VC1, MPEG-1 / 2 / 4, VP8
Memory	2GB (default) / 4GB (option)
Storage	EMMC : 16GB (default) / 32GB (option) Expansion : 1 x 2.5" HDD / SSD (max. 7 mm) (Optional) / 1 x SD card
HDMI Port	1 x HDMI 2.0
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
Line out / Mic in Combo	1
Network	LAN : 1 x Realtek Gigabit LAN WLAN : 802.11 a/ b/ g/ n/ ac / Bluetooth 5.0
VESA Mount	Bracket included
Dimension	L : 141 x W: 141 x H : 29 mm
Weight	NW (kg) : 0.27 / GW (kg) : 0.65
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, VCCI, R&TTE
Operating Temperature (°C)	0~40
Chassis	Plastic
Power Supply	Power Input : 12V DC in Bundled Adapter : 12V / 2A 24W external adapter
Operating System	Android 8.1 (Pre-installed digital signage software)
Optional Accessories	PHD5

NS02E V2

Processor	Rockchip RK3368 Octa Core 1.5GHz (ARM Cortex-A53)
Display Resolution Max.	HDMI : 3840 x 2160@60Hz
Display Output	1 Display
Video Decoder	H.264, H.265, VC1, MPEG-1 / 2 / 4, VP8
Memory	2GB (default) / 4GB (option)
Storage	EMMC : 16GB (default) / 32GB (option) Expansion : 1 x 2.5" HDD / SSD (max. 7 mm) (Optional) / 1 x SD card
HDMI Port	1 x HDMI 2.0
USB 2.0 (Front)	2
USB 2.0 (Rear)	2
Line out / Mic in Combo	1
Network	LAN : 1 x Realtek Gigabit LAN (Support PoE, 802.3at) WLAN : 802.11 a/ b/ g/ n/ ac / Bluetooth 5.0
VESA Mount	Bracket included
Dimension	L : 141 x W: 141 x H : 29 mm
Weight	NW (kg) : 0.3 / GW (kg) : 0.52
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, VCCI, R&TTE
Operating Temperature (°C)	0~40
Chassis	Plastic
Power Supply	Power Input : Support POE (PD), 802.3at Bundled Adapter : -
Operating System	Android 8.1 (Pre-installed digital signage software)
Optional Accessories	PHD5

XPC AIO

Touch, Easy Use All-In-One

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.

19.5" Multi-Touch All-in-One PC

Well-Suited for POS, POI and Kiosk Applications

The Shuttle XPC AIO P92U is an All-in-One PC featuring a 19.5-inch capacitive touchscreen display. Equipped with a 10th Gen Intel Comet Lake-U processor, it offers robust computing while maintaining energy efficiency. With integrated HDMI and VGA interfaces, it can connect with two extra displays for information display and customer check. The model's passive cooling system ensures minimal noise levels, requires no maintenance, and is designed for continuous 24/7 operation. The placement of connectors at the bottom and the IP54-compliant front panel, resistant to dust and water splashes, make it particularly suitable for vertical applications.

Multi-Touch | IP54 | Fanless | VESA

Feature

- CPU options of Intel® Core™ i3-10110U / i5-10210U, Celeron® 5205U
- Include HDMI and VGA outputs for three displays
- 24/7 certified in 0-40˚C environments
- 19.5" capacitive screen with 10-point multi-touch
- **Excellent connectivity :** 4 x USB3.2 Gen1, 2 x USB2.0, SD card reader, Intel® Gigabit LAN and WiFi AC+BT 4.2

P92U SERIES

P25N SERIES

Multi-Touch | IP54 | Triple Displays | M.2 | VESA

11.6" Multi-Touch All-In-One PC

Designed for POS and Control System In Confined Spaces

The P25N series, an 11.6-inch Shuttle All-In-One PC, packs Intel® Alder Lake-N CPUs and UHD graphics for robust performance. Its HDMI and VGA interfaces support triple-display applications, ideal for versatile retail and service industries. With an anti-glare, multi-touch screen, IP54-rated front panel, and fanless cooling design, it ensures reliability in demanding environments. VESA mounting offers flexible installation, perfect for space-constrained areas. Seamless connections to peripherals suit POS systems, kiosks, or automated control devices, providing enduring computing performance for diverse business needs.

Feature

- CPU- 3 models with N100 / N200 / i3-N300 processor options
- Versatile for Retail and Limited-Space Environments
- **Comprehensive I/O :** 2 x USB 3.2 Gen 2, 4 x USB 3.2 Gen 1, COM x 2 (RS232), 1 x Intel® 2.5G LAN
- Supports connect to additional 2 screens via additional 1 x HDMI (4k x 2k@60Hz) and 1 x traditional D-Sub / VGA(1080p)
- 1 x M.2 2280 M key (PCIe 3.0 x2 / SATA 6Gb/s), 1x M.2 2230 E key (WLAN)

X50V9 SERIES

15.6" Single-Touch All-in-One PC

Compact Efficient for Flexible Business Applications

The Shuttle X50V9 series is a multifunctional 15.6-inch All-In-One PC with a single-touch feature. It is powered by the 13th Gen Intel® Raptor Lake-U Processors and can accommodate DDR5-5200 memory up to 64GB, resulting in improved performance. The addition of the optional WWN04 adapter kit allows for potential 5G / LTE expansion. With HDMI and VGA ports, this PC can support a triple display setup, enhancing productivity. Enhanced I/O interfaces, including USB 3.2 Gen 2 and RS232 ports, cater to a variety of applications such as kiosks and point-of-sale systems.
The IP-54-rated front panel makes this model well-suited for commercial environments where required reliability and connectivity.

IP54 | Fanless | 24 / 7 | VESA

Feature

- Intel® Celeron® 7305, Intel® U300 or Intel® Core™ i3-1315U
- Triple display productivity via HDMI and VGA
- 15.6" resistive screen single-touch
- 24/7 certified in 0-40˚C environments
- 2 x USB3.2 Gen2, 4 x USB3.2 Gen1, FHD Webcam, Intel® Gigabit LAN, WiFi AC + BT 5.0, 2 x M.2 2280 M Key, and 1 x M.2 2230 E Key
- Support optional 5G / LTE network extension kit and RS232 ports

P92U SERIES

Color	Black / White
Screen	19.5'' LCD (16:9, 1600 x 900), 250 nits Multi touch
Processor	Intel® Celeron 5205U or Intel® i3-10110U / i5-10210U
Graphics	Intel® UHD Graphics
Display Resolution Max.	HDMI : 3840 x 2160@30Hz VGA : 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 MHz, Max. 64GB
Storage	1 x 2.5" HDD/SSD (max. 9.5 mm) / 1 x SD card
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen1 : 2
USB 3.2 (Side)	Gen1 : 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	LAN : 1 x Intel® 1G LAN WLAN : Realtek 802.11 a/b/g/n/ac / Bluetooth 4.2
Communication	Webcam : 2M FHD Microphone : Capacitor Speaker : 2 x 2W
VESA	Support 100 x 100 mm
Dimension	W : 487 x H: 321 x D : 44 mm
Weight	NW (kg) : 4.29 / GW (kg) : 5.62
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 3.42A 65W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	PCL71, POS01

P52U SERIES

Color	Black / White
Screen	15.6'' LCD (16:9, 1920 x 1080), 250 nits Multi touch
Processor	Intel® Celeron 52 05U or Intel® i3-10110U / i5-10210U
Graphics	Intel® UHD Graph ics
Display Resolution Max.	HDMI : 3840 x 21 60@30Hz VGA : 1920 x 108 0@60Hz
Video Decoder	MPEG2, WMV9 / VC1, AVC / H.264, JPEG / MPEG, HEVC / H.2 65, VP8, VP9, AV1
Memory	2 x DDR4 2666 / 2 400 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SS D (max. 9.5 mm) / 1 x SD card
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen1 : 2
USB 3.2 (Side)	Gen1 : 2
USB 2.0 (Bottom)	2
USB 2.0 (Side)	-
USB 2.0 (Internal)	-
COM Port	2 x RS232 (Max. 4)
Line out / Mic in	1 / 1
Network	LAN : 1 x Intel® 1G LAN WLAN : Optional
Communication	Webcam : 2M FH D Microphone : Ca pacitor Speaker : 2 x 2W
VESA	Support 100 x 10 0 mm
Dimension	W : 393.6 x H: 27 2.5 x D : 39.8 mm
Weight	NW (kg) : 3.25 / GW (kg) : 4.5
Certification	CB, CE, BSMI, cTU Vus, FCC, RCM, RoHS, VCCI
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 3.42A 65W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	POS03, WLN-M

P55U

Color	Black
Screen	15.6'' LCD (16:9, 1920 x 1080), 250 nits Multi touch
Processor	Intel® Celeron 7305 / Intel® i3-1315U / Intel® i5-1335U
Graphics	Intel® UHD Graphics
Display Resolution Max.	HDMI : 4096 x 2160@60Hz VGA : 1920 x 1080@60Hz
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 up to 5200 MHz, Max. 64GB
Storage	-
Expansion Slot	2 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen1 : 2 / Gen2 : 2
USB 3.2 (Side)	Gen1 : 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	LAN : 1 x Intel® 1G LAN WLAN : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0
Communication	Webcam : 2M FHD Microphone : Capacitor Speaker : 2 x 2W
VESA	Support 100 x 100 mm
Dimension	W : 394 x H : 275 x D : 39.8 mm
Weight	NW (kg) : 3.31 / GW (kg) : 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	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 4.74A 90W external adapter
Operating System	Windows 11 64bit, Linux
Optional Accessories	WWN04

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.	HDMI : 4096 x 2160@60Hz VGA : 1920 x 1080@60Hz
Video Decoder	WMV9, AVC / H.264, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	1 x DDR5 4800 MHz, Max. 16GB
Storage	1 x 2.5" HDD / SSD (max. 9.5 mm)
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen1 : 4
USB 3.2 (Side)	Gen2 : 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	LAN : 1 x Intel® 1G LAN WLAN : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0
Communication	Webcam : 2M FHD Microphone : Capacitor Speaker : 1 x 2W
VESA	Support 75 x 75 mm
Dimension	W : 299 x H: 207 x D : 59 mm
Weight	NW (kg) : 1.95 / GW (kg) : 3.14
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, UKCA
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 3.42A 65W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	-

X50V9 SERIES

Color	Black / White
Screen	15.6'' LCD (16:9, HD 1366 x 768), 220 nits Single touch
Processor	Intel® Celeron 730 5/ Intel® Processor U300 / Intel® i3-1315U
Graphics	Intel® UHD Graph ics
Display Resolution Max.	HDMI : 4096 x 21 60@60Hz VGA : 1920 x 108 0@60Hz
Video Decoder	WMV9, AVC / H.2 64, JPEG / MPEG, HEVC / H.265, VP9, AV1
Memory	2 x DDR5 up to 52 00 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 9.5 mm)
Expansion Slot	2 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen1 : 2 / Gen2 : 2
USB 3.2 (Side)	Gen1 : 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	LAN : 1 x Intel® 1G LAN WLAN : Realtek 802.11 a/b/g/n/ac / Bluetooth 5.0
Communication	Webcam : 2M FH D Microphone : Cap acitor Speaker : 2 x 2W
VESA	Support 100 x 10 0 mm
Dimension	W : 391 x H: 327 x D : 42 mm
Weight	NW (kg) : 3.13 / GW (kg) : 4.16
Certification	CB, CE, BSMI, cTU Vus, FCC, RCM, RoHS, VCCI, RED, UKCA
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 4.74A 90W external adapter
Operating System	Windows 11 64bit , Linux
Optional Accessories	WWN04

X50V8 SERIES

Color	Black / White
Screen	15.6'' LCD (16:9, HD 1366 x 768), 220 nits Single touch
Processor	Intel® Celeron 5205U or Intel® i3-10110U
Graphics	Intel® UHD Graphics
Display Resolution Max.	HDMI : 3840 x 2160@30Hz VGA : 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 MHz, Max. 64GB
Storage	1 x 2.5" HDD / SSD (max. 9.5 mm) / 1 x SD card
Expansion Slot	1 x M.2 2280, M Key 1 x M.2 2230, E Key
HDMI Port	1
VGA Port	1
USB 3.2 (Bottom)	Gen1 : 2
USB 3.2 (Side)	Gen1 : 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	LAN : 1 x Intel® 1G LAN WLAN : Realtek 802.11 a/b/g/n/ac / Bluetooth 4.2
Communication	Webcam : 2M FHD Microphone : Capacitor Speaker: 2 x 2W
VESA	Support 100 x 100 mm
Dimension	W : 391 x H: 327 x D : 42 mm
Weight	NW (kg) : 3.13 / GW (kg) : 4.16
Certification	CB, CE, BSMI, cTUVus, FCC, RCM, RoHS, VCCI, RED
Operating Temperature (°C)	0~40
IP Level	Front Panel IP54
Power Supply	Power Input : 12V or 19V DC in Bundled Adapter : 19V / 3.42A 65W external adapter
Operating System	Windows 10 / 11 64bit, Linux
Optional Accessories	PCL71,POS01

ACCESSORY LIST

		XPC CUBE					XPC SLIM (3L)					XPC SLIM (1L)						XPC FANLESS					XPC NANO			XPC ALL-IN-ONE				
		SH610R4	SW580R8	SH570R8	SH570R6	SH510R4	XH610G2	XH610G	XH610	XH510G2	XH510G	DH670 / DH670 V2	DH610	DH610S	DH470	DH32U 5	DH02U 5	DS50U 5	DS20U / DS20U V2 5	DS10U 5	DL30N 5	DL20N / DL20N V2 5	NC40U 5	NC10U 5	NS02 V2 5	P92U 5	P52U 5	X50V9 5	X50V8 5	
FSP500	500W flex ATX PSU	●			●	●																								FSP500
PCL71	2x COM, 1x LPT expanslon																									●			●	PCL71
PCM31	3x COM								●																					PCM31
PHD3	2.5" HDD/SSD expansion frame	●	●	●	●	●																								PHD3
PHD4	3.5" HDD expansion frame								●																					PHD4
PHD5	2.5" HDD expansion frame																								●					PHD5
POS01	4x COM, 1x LPT, 1x DIO expansion																									●			●	POS01
PRC01	PCIe Raise Card with cables kit for graphics card's extra power									●																				PRC01
PRC02	PCIe Raise Card with cables kit for graphics card's extra power						●			●																				PRC02
PRM01	2U rackmount kit											●	●	●	●	●	●	●	●	●	●	●								PRM01
PS01	Vertical stand							●	●		●																			PS01
PS02	Vertical stand											●	●	●	●	●	●				●	●	●	●						PS02
PV02	VESA kit								●																					PV02
PV04	VESA kit													●																PV04
PVG01	VGA adapter						●	●		●	●	●	●	●	●	●														PVG01
WLN-M	Wi-Fi expansion	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●			WLN-M
WWN03	4G / LTE antenna-adapter board set						●			●		●	●	●	●	●			●	●	●	●								WWN03
WWN04	5G / LTE antenna-adapter board set																	●										●		WWN04