

Designed to provide comprehensive solutions for office, retail, education and industrial usages in only 0.9L compact size



12th Gen Intel Processors



DDR5 Memory



2.5" HDD or 2.5" SSD



PCIe 4.0x4 M.2 SSD



Wi-Fi 6E 802.11ax



2.5G LAN



HDMI CEC



AI noise-canceling



MyASUS



Pad lock Support



8K



4 Displays

Maximum possibilities in only 0.9L compact size

- Powered by 12th & 13th Generation Intel® Core™ processors
- Provide up to 2-times faster performance than 11th Generation CPU
- The latest memory DDR5 support
- 4 display located in the rear I/O panel including dual HDMI2.0

ExpertCenter series features:

Trustworthy

- 24/7 testing reduce maintenance cost and improve cost effectiveness
- Padlock-ring design for more security
- Eco-friendly design, recipients EPEAT Silver and ENERGY STAR

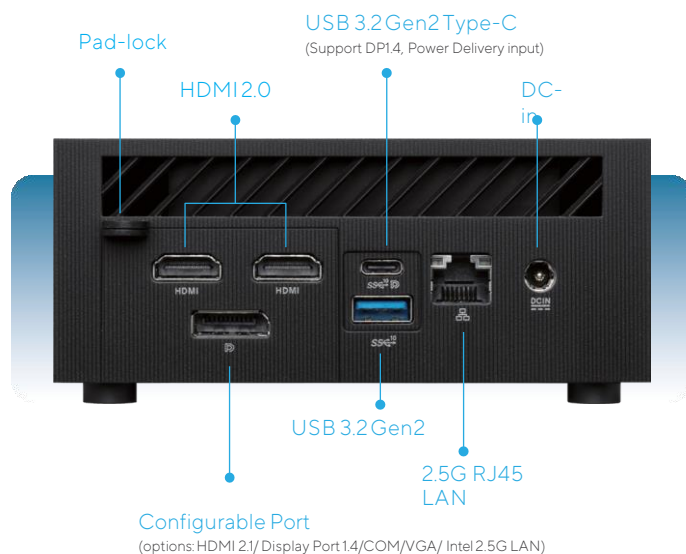
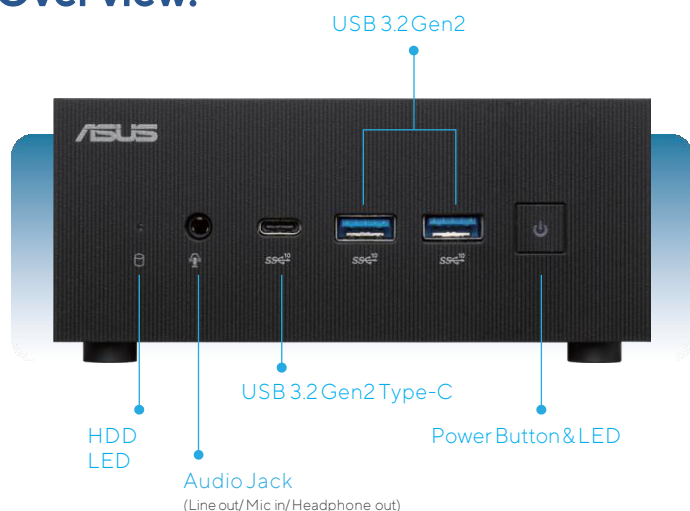
Professionalism

- Providing the flexibility to operate fan mode depends on your needs
- ASUS Control Center option for IT Management
- Two-Way AI Noise Cancellation provides crystal-clear online voice communication

Efficiency

- One configurable port support (options: HDMI 2.1/DP1.4/VGA/COM/2.5G LAN)
- A total of 5 USB ports to connect external devices

Overview:



Accessories list:



- Power Cord (80cm)
- AC Adapter
- Quick Start Guide & Warranty Card
- VESA Mount Kit (Optional)
- Keyboard & Mouse (Optional)
Wired / Wireless

Feature table:

Power	
PD input	Y
Extended Power Button	N
Security	
fTPM 2.0	Y
dTPM 2.0	optional
Kensington lock	Y
Pad-lock Ring	Y
Chassis Intrusion Notice	N
Reliability	
24/7 Durability Test	Y
Military-grade Durability	Y

BIOS	
AC Power loss	Y
HDMI-CEC	Y
CrashFree	Y
EZ Flash	Y
USB Single Port Control	Y
BIOS Customization	
boot logo	optional
BIOS setting	optional
PXE	optional
WOL	optional
SMBIOS (DMI)	optional

MyASUS	
Smart Fan Control	Y
AI Noise Cancellation	Y
Wi-Fi Smart Connect	Y
Enterprise Support	
Windows Autopilot Registration Service	Y
ASUS Cooperate Stable Model	optional
ASUS Control Center	optional
Others	
Watchdog timer	optional
Fanless	N

*For more information about Windows Autopilot Registration Service, please scan the QR code provided for reference.



Model		ASUS ExpertCenter PN64
OS		Windows®11 64bit, Windows®11 Pro 64bit, Linux, or W/O OS (Please check with local rep on validated Linux version)
CPU		Intel® Core™ i7-13700H/i5-13500H (cTDP:35W) Intel® Core™ i7-12700H/i5-12500H/i3-1220P (cTDP:35W)
Chipset		Integrated
Graphics		Integrated - Intel® Iris® Xe Graphics (i5/i7) or Intel® UHD Graphics (i3)
Memory		2x DDR5 SO-DIMM slots for DDR5 4800 MHz, 1x 8GB - 2x 16GB (total)
Storage		1x 6Gb/s SATA connector for 2.5" 1TB HDD/SSD* 1x M.2 2280 PCIe Gen4 slot for 128GB - 2TB SSD* (NVMe only) *For higher capacity please refer to QVL (location: official website → Support → CPU / Memory Support)
Wireless Network		Intel® Wi-Fi 6E or MTK Wi-Fi 6E and Bluetooth 5
LAN		Intel® LAN, 10/100/1000/2500 Mbps Supports Wake on LAN / PXE / Auto Power on / RTC Wake
Interface	Front I/O	1x USB 3.2 Gen2 Type-C (10 Gbps) 2x USB 3.2 Gen2 (10 Gbps) 1x Audio Jack (Line out/Mic in/Headphone out) *All data transfer speed is according to ASUS testing result, actual performance may vary depending on objective environmental changes.
	Side I/O	1x Kensington Lock
	Rear I/O	1x USB 3.2 Gen2 (10 Gbps) 1x USB 3.2 Gen2 Type-C (10 Gbps, Support DP1.4, DP) 2x HDMI 2.0 Port 1x Configurable Port (options: Display Port 1.4/HDMI 2.1/COM/VGA/Intel® 2.5G LAN) 1x Intel LAN (RJ45) 1x Padlocking ring 1x DC-in *Supports up to four displays via dual HDMI, configurable port and USB 3.2 Gen2 Type-C support DP.
TPM		fTPM 2.0 or TPM 2.0 chip (Optional)
BIOS Function		64 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI 2.0, WfM 2.0, SM BIOS 2.8, ACPI 5.0, Multi-language BIOS, ASUS EZ Flash 3, ASUS CrashFree BIOS 3, My Favorites, Quick Note and ASUS DRAM SPD (Serial Presence Detect) memory information
Software		The following software are included in OS: MyASUS, ASUS Product registration program, Asus Control Center test, Watchdog timer
Support		Windows Autopilot Registration Service
Power Supply		19Vdc, 6.32A, 120W (i7-12700H/i5-12500H) 19Vdc, 4.74A or 19.5Vdc, 4.62A 90.0W (i3-1220P)
Physical	Dimension	120 x 130 x 58 mm (0.9L)
	Weight	0.75 kg (barebone)
Max Resolution	HDMI	7680 x 4320 @ 60Hz
	DP	5120 x 2160 @ 60Hz
	VGA	1920 x 1080 @ 60Hz
Temperature	Operating	0°C ~ 50°C
	Storage	-40°C ~ 85°C
Humidity		0% ~ 95% Relative Humidity
Acoustic	Idle mode	< 25 dBA
	Full loading	< 35 dBA * Test results will vary slightly depending on the HDD/SSD SKU selected by customer
Certificates		BSMI / CB / CE / FCC / UL / CCC / Energy Star / C-Tick / WiFi / RF / VCCI