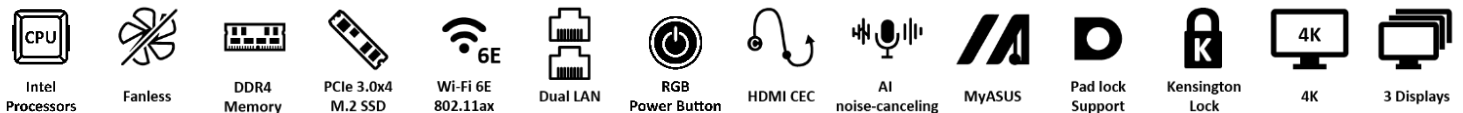


ASUS ExpertCenter PN42 series

Fanless designed is designed to easily handle a wide variety of home, business and industrial applications.



Fanless design with compact size

- Powered by Intel® Processor N100 & N200*
- Support DDR4 memory and PCIe Gen3x4 SSD for great performance
- 3 display located in the rear I/O panel making it ideal for retail and enterprise applications
- RGB power button indicates users when encountered booting issues
- Toolless design allows users to quickly and easily separate and insert it

ExpertCenter series features:

Trustworthy

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

Professionalism

- Compact size and numerous slats design on all sides
- Dual LAN and Wi-Fi 6E can easily handle the most data-intensive tasks
- ASUS Control Center option for IT Management

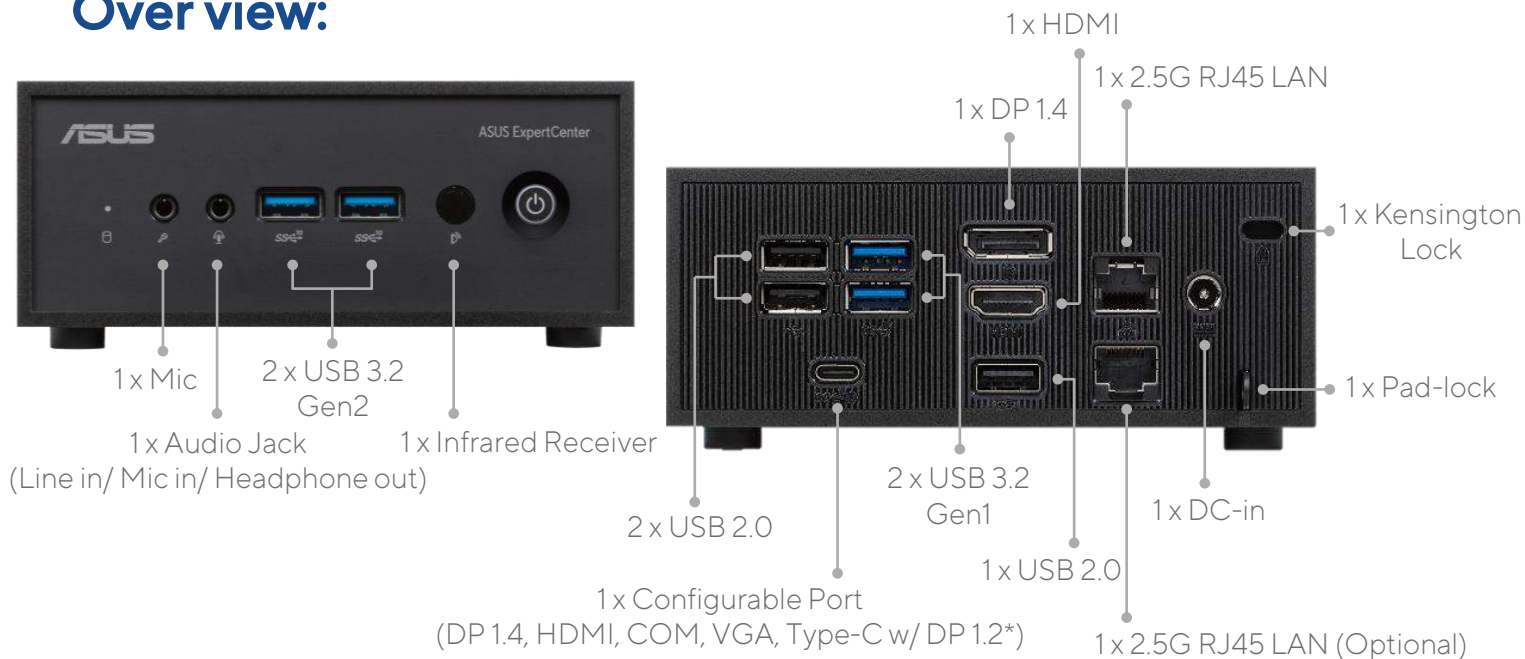
Efficiency

- One configurable port support (options: COM, VGA, DP 1.4, HDMI, USB Type-C w/DP 1.2)
- Two-Way AI Noise Cancellation provides crystal-clear online voice communication
- HDMI-CEC enable a single remote control or device to control multiple devices

*The Intel® Processor N100 has an 800 MHz base clock frequency and a maximum boost frequency of 3.4 GHz. The Intel® Processor N200 has a 1.8 GHz base clock frequency and a maximum boost frequency of 3.7 GHz.

ASUS ExpertCenter PN42 series

Over view:



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	N
Extended Power Button	N
BIOS	
AC Power loss	Y
HDMI-CEC	Y
CrashFree	Y
EZ Flash	Y
BIOS Customization	Y
PXE/WOL	Y
USB Single Port Control	Y

Security	
fTPM 2.0	Y
dTPM 2.0	optional
Kensington lock	Y
Pad-lock	Y
Chassis Intrusion	N
Reliability	
24/7 Durability Test	Y
Military-grade Durability	Y
Anti-Surge	Y
Fanless	Y

Remote	
ASUS Control Center	optional
Watchdog timer	optional
ASUS Cooperate Stable Model	optional
MyLogo	N
MyASUS / CSM	
Smart Fan Control	Y
AI Noise Cancelation	Y
Wi-Fi Smart Connect	Y

ASUS ExpertCenter PN42 series

Model		PN42 series	
OS		Windows®11 64bit, Windows®11 Pro 64bit, Linux, or W/O OS (Please check with local rep on validated Linux version)	
CPU		Intel® Processor N100 or N200	Intel® Celeron® N4500 Processor
Chipset		Integrated	
Graphics		Integrated - Intel® UHD Graphics	
Memory		1 x SO-DIMM, DDR4-3200MHz memory, up to 16GB	2 x SO-DIMM, DDR4-2933MHz memory, up to 16GB*2
Storage		1 x M.2 2280 PCIe Gen3x4, supports 128GB~2TB NVMe™ SSD *For higher capacity please refer to QVL (location: official website → Support → CPU / Memory Support)	
Wireless Network		Intel® AX211 (Gig+), Wi-Fi 6E, Bluetooth 5.2, 2*2 or Intel® AX201 (Gig+), Wi-Fi 6, Bluetooth 5.2, 2*2	Intel® AX201 (Gig+), Wi-Fi 6, Bluetooth 5.2, 2*2
LAN		Realtek® LAN, 10/100/1000/2500 Mbps Supports Wake on LAN / PXE / Auto Power on / RTC Wake	
Interface	Front I/O	2 x USB 3.2 Gen2 1 x Mic 1 x Audio Jack 1 x Infrared Receiver *All data transfer speed is according to ASUS testing result, actual performance may vary depending on objective environmental changes.	
	Rear I/O	2 x USB 3.2 Gen1 Type-A 3 x USB 2.0 1 x DisplayPort 1.4 1 x HDMI (up to 4K@60) 1 x 2.5G RJ45 LAN 1 x 2.5G RJ45 LAN (optional) 1 x Configurable port (options: COM, VGA, DisplayPort 1.4, HDMI, USB Type-C w/DP 1.2) 1 x DC-in 1 x Kensington Lock slot 1 x Padlock ring	2 x USB 3.2 Gen1 Type-A 3 x USB 2.0 1 x DisplayPort 1.4 1 x HDMI (up to 4K@60) 1 x 2.5G RJ45 LAN 1 x 2.5G RJ45 LAN (optional) 1 x Configurable port (options: COM, VGA, DisplayPort 1.4, HDMI) 1 x DC-in 1 x Kensington Lock slot 1 x Padlock ring
TPM		fTPM 2.0 or TPM 2.0 chip (Optional)	
BIOS Function		64 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI2.0, WfM2.0, 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	
Power Supply		19.5Vdc/19Vdc, 3.33A/3.42A 65W Power Adapter	
Physical	Dimension	127.5 x 132 x 57.6 mm (0.97L)	
	Weight	0.84 kg(barebone)	
Max Resolution	HDMI	4096 x 2160 @60Hz	
	DP	3840 x 2160 @60Hz	
Temperature	Operating	0°C~50°C	
	Storage	-40°C~85°C	
Humidity		0%~95% Relative Humidity	
Acoustic	Idle mode	0 dBA	
	Full loading	0 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	