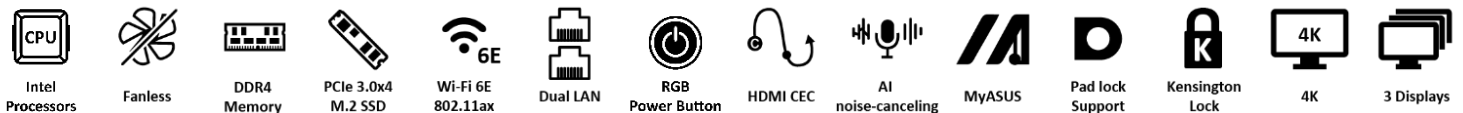


ASUS ExpertCenter PN42 series

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

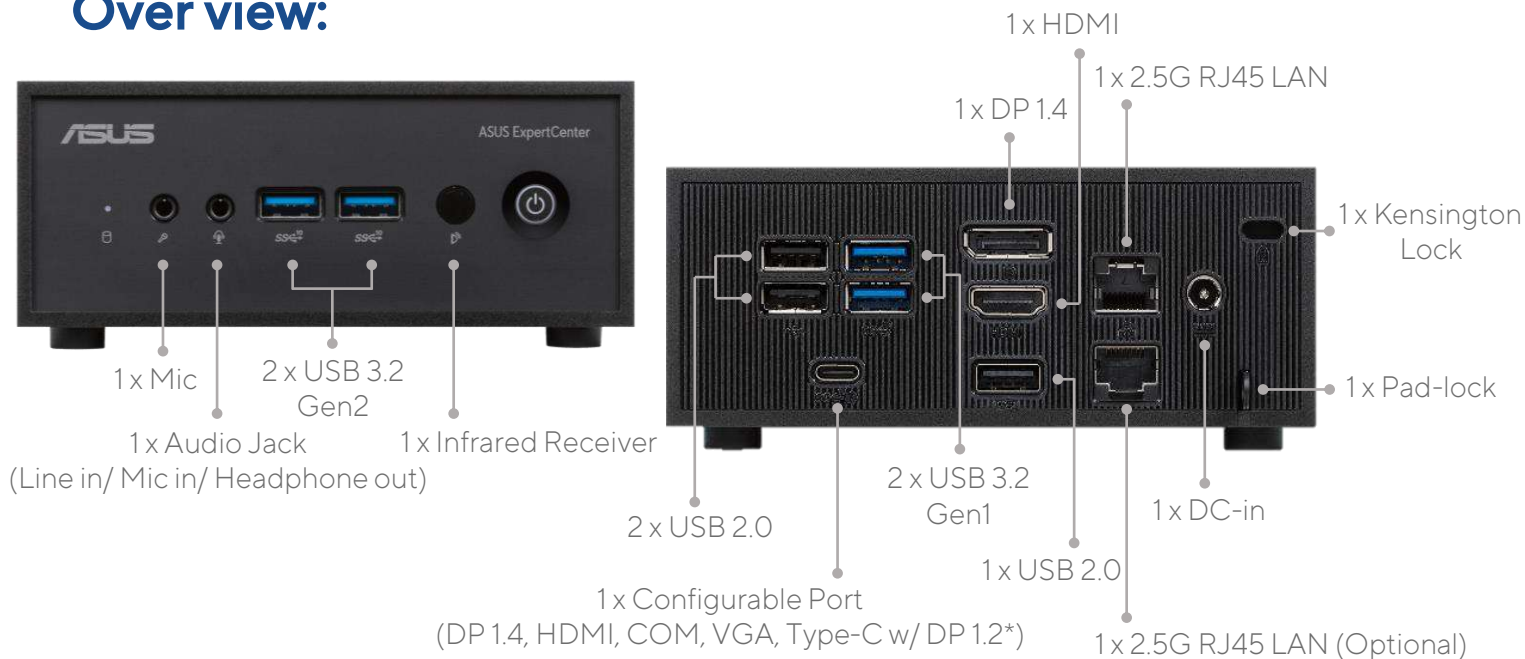
Efficiency

- 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 | | Intel® 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 | |