

# ASUS ExpertCenter PN43 series

Compact, Cool, and Customizable  
the perfect Mini PC tailored to your needs!



Intel  
Processors



DDR4  
Memory



PCIe 4.0x4  
M.2 SSD



Wi-Fi 6E  
802.11ax



Dual LAN



HDMI CEC



AI  
noise-canceling



MyASUS



Kensington  
Lock



4K



3 Displays

## Compact Design with Dual Thermal Options

- Intel® Processors: Powered by Intel® Processor N97, N200 and N100
- Enhanced Durability Through Thermal Design: Choose between a silent fanless design or a performance-boosting fan design to suit your needs
- Multi-Display Support: Support up to 3 displays simultaneously, or dual 4K displays by integrated graphics

## ASUS ExpertCenter series features

### Trustworthy

- 24/7 testing reduce maintenance cost and improve cost effectiveness
- Kensington lock design for more security

### Professionalism

- Compact size and a metal enclosure design
- Dual LAN and Wi-Fi 6E can easily handle the most data-intensive tasks
- ASUS Control Center option for IT Management

### Efficiency

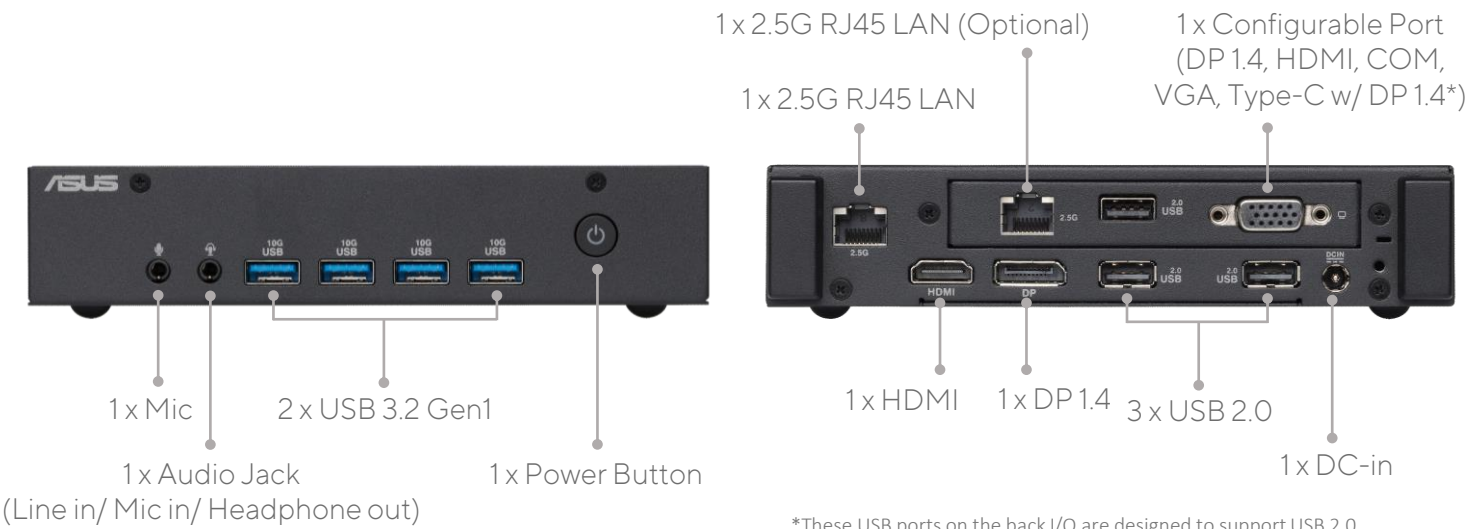
- Support 7 USB ports, optional 2nd 2.5G LAN and support DP1.4/VGA/COM/HDMI/USB Type-C with DP1.4 as configurable port options
- Two-Way AI Noise Cancellation provides crystal-clear online voice communication
- HDMI-CEC enable a single remote control or device to control multiple devices

\*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.

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## Over view:



\*These USB ports on the back I/O are designed to support USB 2.0 functionality, ensuring compatibility regardless of the connector type.

## 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             | N        |
| 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                                | Y        |

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



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|                  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                              |
|------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Model            |              | PN43                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                              |
| OS               |              | Windows®11 64bit, Windows®11 Pro 64bit, Linux, or W/O OS<br>(Please check with local rep on validated Linux version)                                                                                                                                                                                                                                                                                                                                                   |                                                                                                              |
| CPU              |              | Intel® Processor N100 or N200                                                                                                                                                                                                                                                                                                                                                                                                                                          | Intel® Processor N97                                                                                         |
| Chipset          |              | Integrated                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                              |
| Graphics         |              | Integrated - Intel® UHD Graphics                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                              |
| Memory           |              | 1 x SO-DIMM, DDR4-3200MHz memory, up to 32GB<br><small>*For better user experience, we recommend 8GB or above of memory capacity while using Windows OS</small>                                                                                                                                                                                                                                                                                                        |                                                                                                              |
| Storage          |              | 1 x M.2 2280 PCIe Gen4x4, supports 128GB~2TB NVMe™ SSD<br><small>*For higher capacity please refer to QVL (location: official website → Support → CPU / Memory Support)</small>                                                                                                                                                                                                                                                                                        |                                                                                                              |
| Wireless Network |              | Intel® AX211 (Gig+), Wi-Fi 6E, Bluetooth 5.2, 2*2<br>or Intel® AX201 (Gig+), Wi-Fi 6, Bluetooth 5.2, 2*2<br><small>*Wi-Fi 6E may vary by region<br/>*Bluetooth version support may vary from OS</small>                                                                                                                                                                                                                                                                |                                                                                                              |
| LAN              |              | Intel® LAN, 10/100/1000/2500 Mbps<br>Supports Wake on LAN / PXE / Auto Power on / RTC Wake                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                              |
| Interface        | Front I/O    | 4 x USB 3.2 Gen2 Type-A (5V/0.9A, 10Gbps)<br>1 x Mic<br>1 x Audio Jack (Line out/Mic in/Headphone out)<br><small>*All data transfer speed is according to ASUS testing result, actual performance may vary depending on objective environmental changes</small>                                                                                                                                                                                                        |                                                                                                              |
|                  | Side I/O     | 1 x Kensington lock slot                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                              |
|                  | Rear I/O     | 1 x 2.5G RJ45 LAN<br>1 x 2.5G RJ45 LAN (optional)<br>3 x USB 2.0 (5V/0.5A)<br>1 x HDMI*<br>1 x DisplayPort 1.4<br>1 x DC-in<br>1 x Configurable (options: HDMI/DP1.4/COM/VGA/Type-C 3.2 Gen2 with DP1.4)<br><small>*The HDMI port supports HDMI CEC<br/>*The resolutions of the HDMI configurable port is 4K @60Hz<br/>*These USB ports on the back I/O are designed to support USB 2.0 functionality, ensuring compatibility regardless of the connector type</small> |                                                                                                              |
| 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:<br>MyASUS, ASUS Product registration program, Asus Control Center test, Watchdog timer                                                                                                                                                                                                                                                                                                                                      |                                                                                                              |
| Support          |              | Windows Autopilot Registration Service                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                              |
| Power Supply     |              | 19Vdc, 3.42A 65W Power Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                              |
| Physical         | Dimension    | 166.2 x 119.7 x 33.9 mm (0.76L)                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                              |
|                  | Weight       | 0.7 kg(barebone)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                              |
| Max Resolution   | HDMI         | 3840 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <25 dBA                                                                                                      |
|                  | Full loading | 0 dBA<br><small>*Test results will vary slightly depending on the HDD/SSD SKU selected by customer</small>                                                                                                                                                                                                                                                                                                                                                             | <35 Dba<br><small>*Test results will vary slightly depending on the HDD/SSD SKU selected by customer</small> |
| Certificates     |              | BSMI / CB / CE / FCC / UL / CCC / Energy Star / C-Tick / WiFi / RF / VCCI                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                              |