

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



DDR4
Memory



2.5" HDD
or 2.5" SSD



PCIe 3.0x4
M.2 SSD



Wi-Fi 6E
802.11ax



2.5G LAN



HDMI CEC



PD Input



AI
noise-canceling



MyASUS



Pad lock
Support



8K



4 Displays

Maximum possibilities in only 0.9L compact size

- Powered by the latest AMD Ryzen™ 5000H Series Processor with Radeon™ graphics
- Provide up to 15.3% faster performance than previous model with 5000U series
- Multi-storage design, support up to up to 2x M.2 SSD and 1x HDD
- Quad-4K displays support and 8K UHD support, when configured with DisplayPort 1.4 or HDMI
- Onboard 2.5GbE LAN delivering faster Ethernet connectivity

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

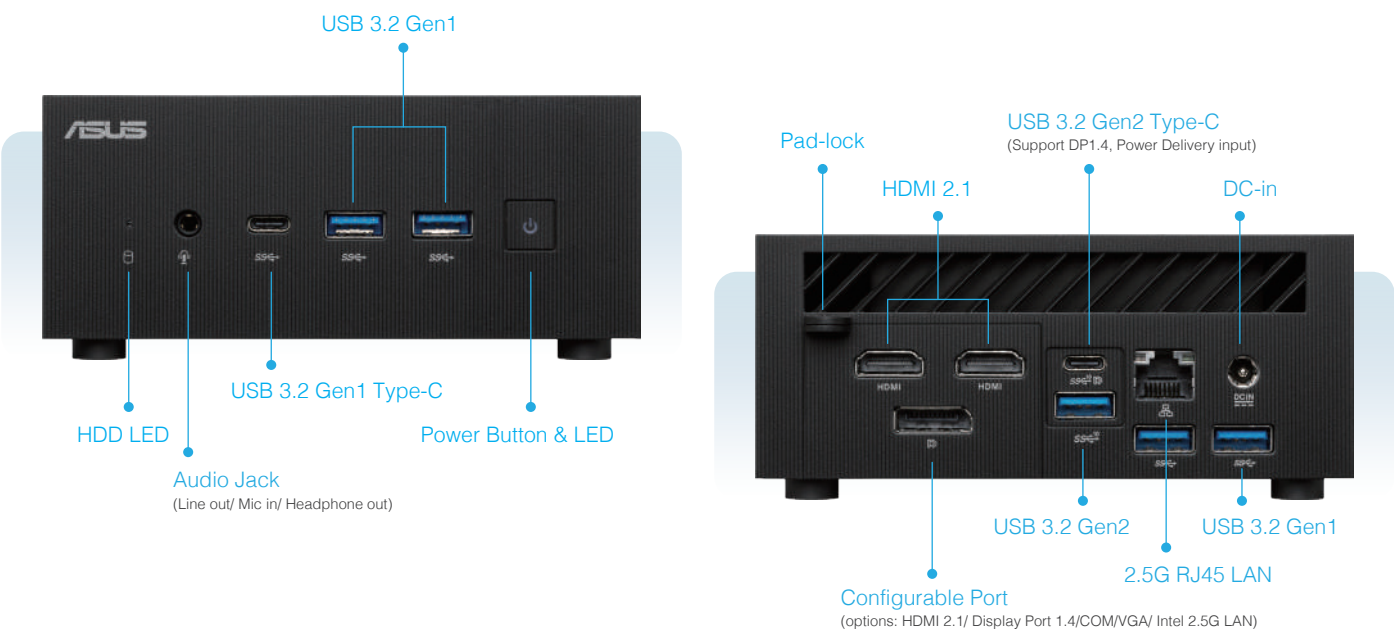
Professionalism

- Providing the flexibility to operate fan mode depends on your needs
- ASUS Control Center option for IT Management
- Adheres to the MIL-810H military standards for outstanding quality and reliability
- 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 7 USB ports, including 2 x Type C ports to connect external devices
- 2 easy steps optimization and upgrade

Over view:



Accessories list:



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

Feature table:

Power	
PD input	Y
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	N

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

Model		PN52
OS		Windows®11 64bit, Windows®11 Pro 64bit, Linux, or W/O OS (Please check with local rep on validated Linux version)
CPU		AMD Ryzen™ 9 5900HX, Ryzen™ 7 5800H, Ryzen™ 5 5600H (cTDP:35W)
Chipset		Integrated
Graphics		Integrated - AMD Radeon™ Graphics
Memory		2 x DDR4 SO-DIMM slots for DDR4 3200 MHz, 1 x 8GB - 2 x 32GB (total)
Storage		1 x 6Gb/s SATA connector for 2.5" 1TB HDD/SSD* 2 x M.2 2280 PCIe Gen3 slot for 128GB - 2TB SSD* (NVMe only) *For higher capacity please refer to QVL (location: official website → Support → CPU / Memory Support)
Wireless Network		MTK Wi-Fi 6E or MTK Wi-Fi 6 and Bluetooth 5
LAN		Realtek® LAN, 10/100/1000/2500 Mbps Supports Wake on LAN / PXE / Auto Power on / RTC Wake
Interface	Front I/O	1 x USB 3.2 Gen1 Type-C (5 Gbps) 2 x USB 3.2 Gen1 (5 Gbps) 1 x 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	1 x Kensington Lock
	Rear I/O	1 x USB 3.2 Gen2 (10 Gbps) 2 x USB 3.2 Gen1 (5 Gbps) 1 x USB 3.2 Gen2 Type-C (10 Gbps, Support DP1.4, PD input) 2 x HDMI 2.1 Port 1 x Configurable Port (options: Display Port 1.4 or 1.2/ HDMI2.1/ COM/ VGA/ 2.5G LAN) 1 x 2.5G LAN (RJ45) 1 x Padlock ring 1 x 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, 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, McAfee LiveSafe
Power Supply		20Vdc, 6.0A, 120W or 19Vdc, 6.32A, 120W
Physical	Dimension	120 x 130 x 58 mm (0.9L)
	Weight	0.75 kg (barebone)
Max Resolution	HDMI	4096 x 2160 @ 60Hz
	DP	7680 x 4320 @ 60Hz
	VGA	1920 x 1200 @ 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 / Wi-Fi / RF / VCCI