

Unleash Performance: Powered by AMD Ryzen™ 7000 Series Processor, with versatile storage options.



PCIe 4.0x4
M.2 SSD



2.5" HDD
or 2.5" SSD



DDR4
Memory



Wi-Fi 6E
802.11ax



HDMI CEC



2.5G LAN



AI
noise-canceling



Pad lock
Support



Kensington
Lock



4K



4 Displays



MyASUS

Maximum possibilities in only 0.9L compact size

- Powered by AMD Ryzen™ 7000HS Series Processor with Radeon™ graphics
- Performance of Radeon™ graphics is better than entry level discrete graphics
- DDR5 4800 memory support allows your computer to transfer data faster than DDR4
- Support two PCIe Gen4x4 SSD to deliver greater performance and lower latency
- 4 display located in the rear I/O panel including dual HDMI2.1
- Onboard 2.5GbE LAN delivering faster Ethernet connectivity

ExpertCenter series features:

The latest Processor

- Powered by the latest AMD Ryzen™ 7000 Series Processor with Radeon™ Graphics

Connectivity

- Support 6 USB ports, including 2 x Type-C ports, on-board HDMI port and Configurable port

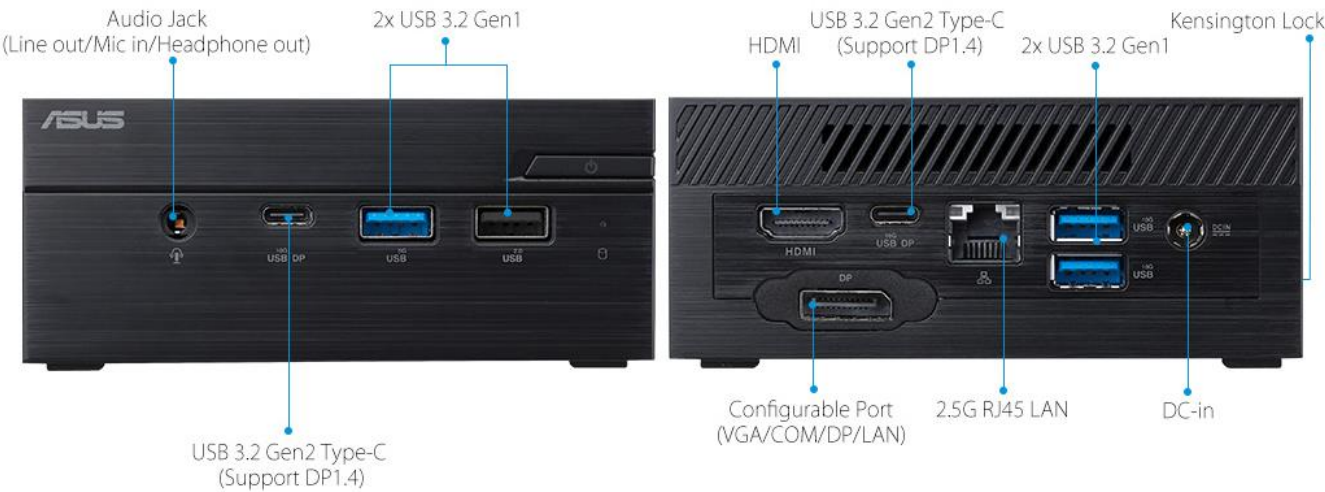
Quad 4K Support*

- 4 display support via including Configurable port

Multi-storage Design

- Support up to 1x M.2 SSD and 1x HDD

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
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	N

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 Cancelation	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 PN53-S1
OS		Windows® 11 Home, Windows® 11 Pro, Windows® 11 IoT Enterprise, Linux, or W/O OS (Please check with local rep on validated Linux version)
CPU		AMD Ryzen™ 7 7730U Processor AMD Ryzen™ 5 7530U Processor
Chipset		Integrated
Graphics		Integrated - AMD Radeon™ Graphics
Memory		2 x SO-DIMM, DDR4-3200MHz memory, up to 32GB*2
Storage		1 x M.2 2280 PCIe Gen3x4, supports 128GB~2TB NVMe™ SSD 1 x 2.5" SATA 6Gb/s, supports 1TB 7200rpm 7mm HDD
Wireless Network		Mediatek MT7922A22M, Wi-Fi 6E, Bluetooth 5.2, 2*2 Mediatek MT7921, Wi-Fi 6, Bluetooth 5.2, 2*2 * Bluetooth version support may vary from OS. Bluetooth v5.2 function will be ready in in Windows 11 or later.
LAN		1 x Realtek® RTL8125B-CG, 2.5G LAN 1 x Intel® I210AT, Gb LAN (Config. Port)
Interface	Front I/O	1 x USB 3.2 Gen2 Type-C (with DP1.4, 5V/3A, 10Gbps) 2 x USB 3.2 Gen1 Type-A (5V/0.9A, 5Gbps) 1 x Audio Jack (Line out/Mic in/Headphone out)
	Side I/O	1 x Kensington Lock
	Rear I/O	1 x USB 3.2 Gen2 Type-C (with DP1.4, 5V/3A, 10Gbps) 2 x USB 3.2 Gen1 Type-A (5V/0.9A, 5Gbps) 1 x HDMI 2.1 (Up to 4K@60Hz) 1 x 2.5G RJ45 LAN 1 x Configurable (options: DP1.4/COM/VGA/LAN) 1 x DC-in
TPM		fTPM 2.0 or TPM module onboard (Optional)
BIOS Function		64 Mb Flash ROM, UEFI AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.8, ACPI 5.0, Multilanguage 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, 4.74A 90W Power Adapter
Physical	Dimension	115 x 115 x 49 mm (0.62L)
	Weight	0.55 kg(barebone)
Max Resolution	HDMI	4096 x 2160@60Hz
	DP	3840 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