

Power delivery input provide a cleaner workspace uncluttered with cables



24/7 Reliability



11th Gen Intel Processors



PCIe 4.0x4 M.2 SSD



2.5" HDD or 2.5" SSD



Wi-Fi 6 802.11ax



Wi-Fi 5 802.11ac



2.5G LAN



PD Input



Linux Support



Kensington Lock



8K



3 Displays

Maximum possibilities in only 0.62L compact size

- Powered by AMD Ryzen 5000U with Radeon™ graphics
- Connect up to three monitors, at resolutions of up to 4K
- USB Power Delivery input support
- Integrated WiFi 6 and Bluetooth for easy cordless connections
- One configurable port support (options: DisplayPort 1.4/ VGA/ COM/ LAN)
- Dual-storage design for 1 TB 2.5-inch hard disk drive and up to 1 TB M.2 SSD
- 24/7 testing ensure long-term dependability
- With USB Power Delivery, ASUS Mini PC PN51-S1 can charge a connected phone or accessory and receive power from a supported display or other device

Diverse application

- High resolutions at up to 8K UHD, via DisplayPort Dual-Mode (DP++)
- Support for triple displays in stunning 4K resolution
- Onboard High-speed 2.5 Gbps Ethernet connectivity

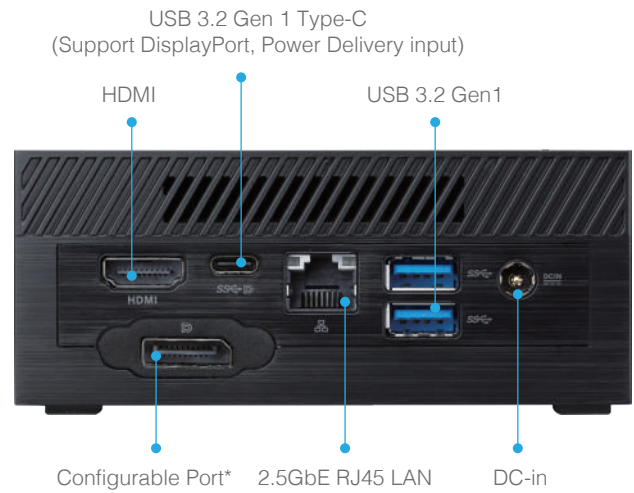
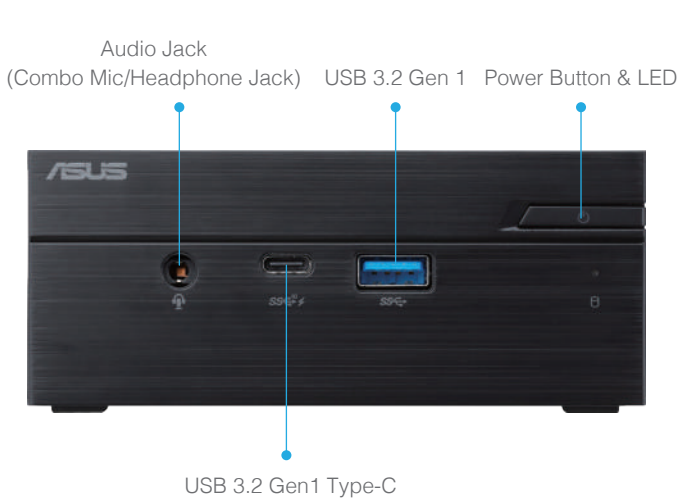
Longevity and manageability

- The ASUS Business Manager designed for businesses that lack adequate IT support, it simplifies the processes of management and maintenance
- An admin password can be applied to ensure that only authorized users are able to access the system's security settings

Mini PC PN51-S1



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	N
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	N
AI Noise Cancelation	N
Wi-Fi Smart Connect	N

Mini PC PN51-S1



Model		PN51-S1
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™ 7 5700U, Ryzen™ 5 5500U, Ryzen™ 3 5300U
Chipset		Integrated
Graphics		Integrated - AMD Radeon™ Graphics
Memory		2 x DDR4 SO-DIMM slots for DDR4 3200 MHz, 1 x 4GB - 1 x 16GB (total)
Storage		1 x 6Gb/s SATA connector for 2.5" 1TB HDD/SSD* 1 x M.2 2280 PCIe Gen4 slot for 128GB - 1TB SSD* (NVMe or SATA) <small>*For higher capacity please refer to QVL (location: official website → Support → CPU / Memory Support)</small>
Wireless Network		Intel® Wi-Fi 6 and Bluetooth 5 or Intel® Wi-Fi 5 and Bluetooth 4 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) <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
	Rear I/O	1 x USB 3.2 Gen1 Type-C (5 Gbps, support Display Port 1.4, PD input) 2 x USB 3.2 Gen1 (5 Gbps) 1 x HDMI 1.4 Port 1 x Configurable Port (options: Display Port 1.4 / COM/ VGA/ LAN) 1 x Intel LAN (RJ45) 1 x DC-in
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: ASUS Business manager, ASUS Product registration program, Asus Control Center test, Watchdog timer
Power Supply		19Vdc, 3.42A or 19.5Vdc, 3.33A 65W (R3 & R5 SKU) 19Vdc, 4.74A or 19.5Vdc, 4.62A 90W (R7 SKU)
Physical	Dimension	115 x 115 x 49 mm (0.62L)
	Weight	0.55 kg (barebone)
Max Resolution	HDMI	3840x2160 @ 60 Hz
	DP	7680x4320 @ 30 Hz
	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 <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