

ASUS ExpertCenter PB64

Solid Reliability with Workstation Performance



The ASUS ExpertCenter PB64 is a compact (1.35L) powerhouse designed for demanding computing tasks. Featuring desktop-grade performance, PB64 is powered by the latest Intel® Core™ Ultra Processors (Series 2) with Intel® Graphics, it delivers exceptional performance in a small form factor. Featuring dual PCIe Gen4 SSD slots and support for up to DDR5-6400Hz memory, the PB64 ensures lightning-fast data transfer. Its flexibility is further enhanced by configuration ports, 8 USB ports, a toolless design, and triple storage options, making it an ideal solution for users seeking performance and versatility in a mini PC.

Key Selling Points

- Powered by Intel® Core™ Ultra Processors with Intel® Graphics. Support 35W to 65W CPU with compact size (1.35L).
- Intel® Wi-Fi 7 and Bluetooth® 5.4 deliver advanced speeds and reliable, seamless connectivity.
- 8 USB ports including high-speed USB4 and USB3.2 enhancing versatility.
- Configurable port: Flexible support for DisplayPort, VGA, LAN, COM or HDMI
- Built-in Kensington lock slot enables physical security for instant protection.
- ASUS Corporate Stable Model (CSM) program guarantees stable product supply for a minimum of three years.
- Tool-less chassis enables quick upgrades and effortless deployment.
- 24/7 reliability test including set of rigorous procedures ensure stable operation.

Target Market:

- Small and Midsize Business
- Consumer Industry
- Healthcare
- Life Sciences

Target Usages:

- Slim Client
- Patient Monitoring and Medical Cart
- AI Weighting
- Digital Signage
- Kiosk
- POS System

ASUS ExpertCenter PB64

Mini-PC Specifications



Black



White

Marketing Name		ASUS ExpertCenter PB64
Project Code		PB64
ASUS Logo		Optional
Color		Black/White
OS Support		Windows®11 Home/ Pro 24H2
CPU		Intel® Core™ Ultra 7 265 Intel® Core™ Ultra 5 245 Intel® Core™ Ultra 5 235 Intel® Core™ Ultra 5 225
Chipset		Intel® B860 Chipset
Graphics		Integrated - Intel® Graphics
Memory		2 x SO-DIMM/CSO-DIMM, DDR5-5600/6400 MHz memory, up to 32G*2 *6400MHz only support on CSO-DIMM
Storage		2 x M.2 2280 PCIe Gen4x4, supports 128GB~2TB NVMe™ SSD Support 1 x 2.5" SATA 6Gb/s, supports 1TB 7200rpm 7mm HDD * Supports 1TB 7200rpm 7mm HDD but not included as a standard configuration.
Wireless Network		Intel® BE202, Wi-Fi 7, Bluetooth® 5.4 Intel® AX211, Wi-Fi 6E, Bluetooth® 5.3
LAN		1 x Intel® I226V, 2.5Gb LAN 1 x Intel® I225V, 2.5Gb LAN (Config. Port)
Audio		ALC3251-CG
TPM		fTPM 2.0 or TPM 2.0 Chip
Card Reader		None
Front I/O Ports		1 x USB 4 Type-C (Supports DisplayPort 2.1, 20Gbps) 2 x USB 3.2 Gen 2 Type-A (10Gbps) 2 x USB 3.2 Gen 1 Type-A (5Gbps) 1 x Mic in 1 x Audio Jack
Back I/O Ports		1 x USB 3.2 Type-C (PD-IN 20V/5A, 10Gbps) 1 x USB 3.2 Gen 2 Type-A (10Gbps) 1 x USB 2.0 2 x DisplayPort 1.4 1 x 2.5G RJ45 LAN 1 x Configurable Port (options: DP 1.4/ HDMI 2.1/ COM/ VGA/ 2.5G LAN) 1 x DC-in 1 x Padlock Ring 1 x Kensington Lock Slot *Supports Quad 4K displays simultaneously
Power Supply		90W, 20V=6A (35W CPU)/120W, 19.5V=4.62A (65W CPU)
Operating Temp		0 to 50C
Storage Temp		-40 to 60C
Dimensions (W x D x H)		175mm x 175mm x 44.2mm (1.35L)
Weights		1.2kg
Accessories		AC Adapter+Power Cord VESA Bracket and Screws Safety/Caution/Regulatory Insert Warranty Card

*Power cord included is region specific, and some SKUs do not include the power cord

ASUS ExpertCenter PB64

Kit Specifications



Black



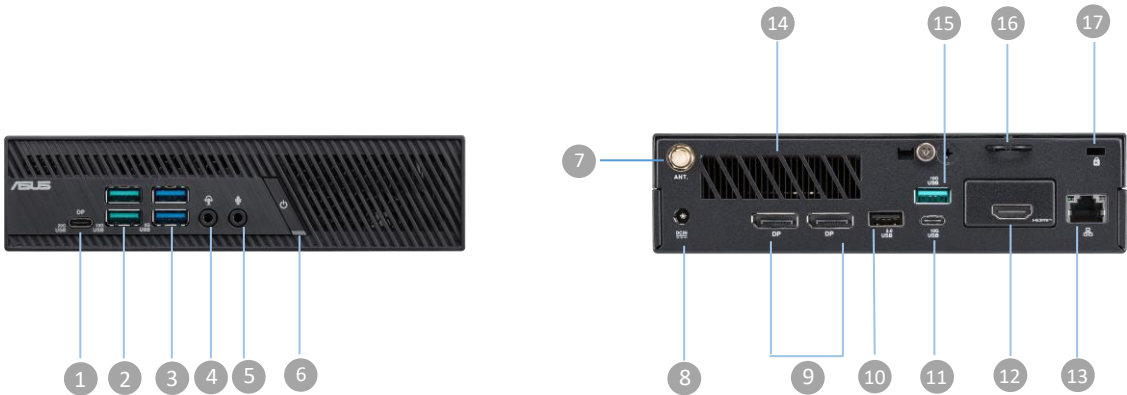
White

Marketing Name		ASUS ExpertCenter PB64
Project Code		PB64-B
ASUS Logo		Optional
Color		Black/White
OS Support		Windows®11 Home/ Pro 24H2
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Chipset		Intel® B860 Chipset
Graphics		Integrated - Intel® Graphics
Memory		2 x SO-DIMM/CSO-DIMM, DDR5-5600/6400 MHz memory, up to 32G*2 *6400MHz only support on CSO-DIMM *No memory installed at the shipment
Storage		2 x M.2 2280 PCIe Gen4x4, supports 128GB~2TB NVMe™ SSD Support 1 x 2.5" SATA 6Gb/s, supports 1TB 7200rpm 7mm HDD *Supports 1TB 7200rpm 7mm HDD but not included as a standard configuration *No memory installed at the shipment
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Audio		ALC3251-CG
TPM		fTPM 2.0 or TPM 2.0 Chip
Card Reader		None
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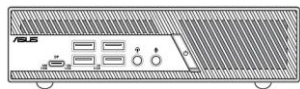
Model PB64 Connections



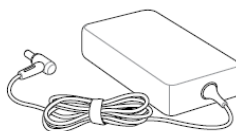
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|---|----------------------------------|----|---|----|----------------------------------|
| 1 | 1 x USB 4 Type-C (DP2.1, 20Gbps) | 7 | 1 x Antenna Jack | 13 | 1 x 2.5G LAN |
| 2 | 2 x USB 3.2 Gen2 Type-A (10Gbps) | 8 | 1 x DC in | 14 | 1 x Air vents |
| 3 | 2 x USB 3.2 Gen1 Type-A (5Gbps) | 9 | 2 x DisplayPort | 15 | 1 x USB 3.2 Gen2 Type-A (10Gbps) |
| 4 | 1 x Mic in | 10 | 1 x USB 2.0 | 16 | 1 x Padlock ring |
| 5 | 1 x Audio jack | 11 | 1 x USB 3.2 Type-C (10Gbps) | 17 | 1 x Kensington lock slot |
| 6 | 1 x Power button | 12 | 1 x Configurable port (options: DP 1.4/ HDMI 2.1/ COM/ VGA/ 2.5G LAN) | | |

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What's in the box



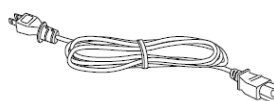
PB64



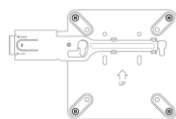
Power Adapter
120 W/90 W



Inserts



Power Cord*



VESA bracket and
Screws

NOTE:

- The most up-to-date and accurate product specifications are available on www.asus.com for download.
- Product and accessory images are for illustrative purposes only. The actual appearance and specifications may vary depending on the model.
- *The bundled power adapter may vary depending on the model and the country (or region) of sale.
- Some bundled accessories may vary depending on the model. For details on these accessories, refer to their respective user manuals.
- If the device or its components fail or malfunction during normal and proper use within the warranty period, bring the warranty card to the ASUS Service Center for replacement of the defective components.