

ASUS Mini PC VM31

Everyday Efficiency, In Ultra-Compact Form



The ASUS Mini PC VM31 is a compact solution designed for everyday computing needs. Powered by AMD Ryzen™ 5/ AMD Ryzen™ 3 / AMD Athlon™ Silver 10 with integrated AMD Radeon™ 610M graphics, it delivers smooth multitasking, responsive performance, and supports up to four simultaneous displays for an enhanced visual workspace.

With 1 x 2.5G LAN, 7 x USB ports, and Wi-Fi 6E, it provides fast, versatile connectivity for modern environments. Its sleek 0.55L chassis with VESA mount support enables a clean, space-saving setup suitable for a wide range of applications.

Key Selling Points

- **Reliable performance:** AMD Ryzen and Athlon processors Ideal for everyday office productivity and embedded applications.
- **Multiple tasks:** 4 displays set up enhancing efficiency for office work on line and off line.
- **Future proof connectivity:** Improving productivity by faster and more stable data transfer with Wi-Fi 6E and Bluetooth 5.2.
- **Ultra fast performance:** LPDDR5 deliver fast boost, file transition and multitasking.
- **Abundant I/O:** Mainstream I/O USB Type-A and Type-C support width range connectivity.
- **Versatile display connectivity:** HDMI, DisplayPort, and USB-C ports provide smooth, reliable multi-monitor support.
- **Compact size:** 0.55L and VESA mount support and easy to deploy for small offices, retail settings, educational institutions.

Audience:

- Home & SOHO
- Small & Midsize Business
- Front desk & Reception
- Education Lab & Class room
- Library & Service desk
- Retail POS system
- Digital Signage
- Public Service Kiosks

Target Usages:

- Freelancers & remote workers & WFH
- Office staff & finance/accounting roles
- Receptionists & front-desk staff
- Students & teachers, IT lab managers
- Cashiers & store managers
- Store marketing teams & signage system operators
- Visitors & Customer

ASUS MiniPC VM31

Mini - PC Specifications



Marketing Name	ASUS MiniPC VM31
Project Code	VM31
ASUS Logo	Yes
Color	Gray
OS Support	Windows ®11 Home/Pro
CPU	AMD Ryzen™ 5 40 Processor (15W) AMD Ryzen™ 3 30 Processor (15W) AMD Athlon™ Silver 10 (15W)
Chipset	Integrated
Graphics	Integrated - AMD Radeon™ 610M Graphics
Memory	Onboard LPDDR5 5500MHz (8G/16G)
Storage	1 x M.2 2280/2240 PCIE G3.OX2, NVMe (128GB ~ 512GB SSD), up to 2TB SSD
Wireless Network	MT7922, WIFI6E Bluetooth 5.2
LAN	RTL8125BG, 2.5G LAN
Audio	Realtek ALC 233
TPM	fTPM 2.0 or TPM 2.0 chip (Optional)
Front I/O Ports	1 x Power button 1 x USB 3.2 Gen 2x2 Type-C (DP1.4) 2 x USB 3.2 Gen 2x2 Type-A 1 x Audio Jack (Line out/Mic in/Headphone out)
Back I/O Ports	1 x USB 3.2 Gen 2x2 Type-C (DP1.4) 2 x USB 3.2 Gen 2x2 Type-A 1 x USB 2.0 Type-A 1 x HDMI 2.0 (CEC) 1 x DisplayPort 1.4 1 x 2.5G RJ45 LAN 1 x DC-in
Side I/O Ports	1 x Kensington Lock
Power Supply	90W, 19V=4.74A
Operating Temp	Operation: temperature 0~50°C
Storage Temp	Non-Operation: temperature -40~85°C
Dimension (W x D x H)	135mm 115mm 35.8 mm
Weights	330g
Accessories	AC Adapter + Power Cord ¹ VESA Bracket and Screws Safety/Caution/Regulatory Insert Warranty Card

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

ASUS MiniPC VM31

Kit Specifications

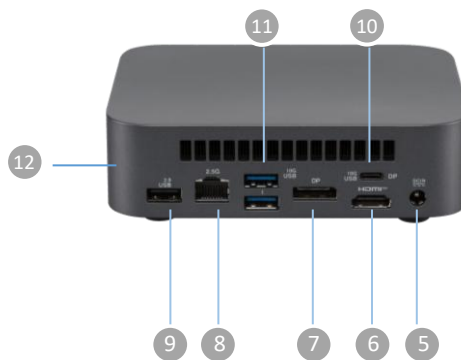


Marketing Name	ASUS MiniPC VM31
Project Code	VM31-B
ASUS Logo	No
Color	Gray
OS Support	Supports: Windows @11 Home/Pro, * No OS installed at shipment
CPU	AMD Ryzen™ 5 40 Processor (15W) AMD Ryzen™ 3 30 Processor (15W) AMD Athlon™ Silver 10 (15W)
Chipset	Integrated
Graphics	Integrated - AMD Radeon™ 610M Graphics
Memory	Onboard LPDDR5 5500MHz (8G/16G)
Storage	1 x M.2 2280/2240 PCIE G3.OX2, NVMe, up to 2TB SSD. No SSD installed at the shipment
Wireless Network	MT7922, WIFI6E Bluetooth 5.2
LAN	RTL8125BG, 2.5G LAN
Audio	Realtek ALC 233
TPM	fTPM 2.0 or TPM 2.0 chip (Optional)
Front I/O Ports	1 x Power button 1 x USB 3.2 Gen 2x2 Type-C (DP1.4) 2 x USB 3.2 Gen 2x2 Type-A 1 x Audio Jack (Line out/Mic in/Headphone out)
Back I/O Ports	1 x USB 3.2 Gen 2x2 Type-C (DP1.4) 2 x USB 3.2 Gen 2x2 Type-A 1 x USB 2.0 Type-A 1 x HDMI 2.0 (CEC) 1 x DisplayPort 1.4 1 x 2.5G RJ45 LAN 1 x DC-in
Side I/O Ports	1 x Kensington Lock
Power Supply	90W, 19V=4.74A
Operating Temp	Operation: temperature 0~50°C
Storage Temp	Non-Operation: temperature -40~85°C
Dimension (W x D x H)	135mm 115mm 35.8 mm
Weights	330g
Accessories	AC Adapter + Power Cord ¹ VESA Bracket and Screws Safety/Caution/Regulatory Insert Warranty Card

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Model VM31 Connections

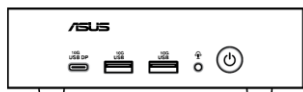


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|---|----------------------------------|----|----------------------------------|----|----------------------------------|
| 1 | 1 x Power Button | 6 | 1 x HDMI 2.1 | 11 | 2 x USB 3.2 Gen2 Type-A (10Gbps) |
| 2 | 1 x Audio Jack | 7 | 1 x DisplayPort 1.4 | 12 | 1 x Kensington Lock (Side Port) |
| 3 | 2 x USB 3.2 Gen2 Type-A (10Gbps) | 8 | 1 x 2.5Gb Ethernet | | |
| 4 | 1 x USB 3.2 Gen2 Type-C (10Gbps) | 9 | 1 x USB 2.0 Type-A (5Gbps) | | |
| 5 | 1 x DC in | 10 | 1 x USB 3.2 Gen2 Type-C (10Gbps) | | |

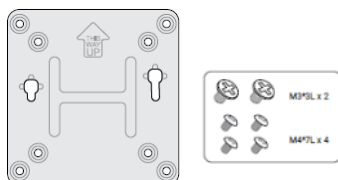
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What's in the box

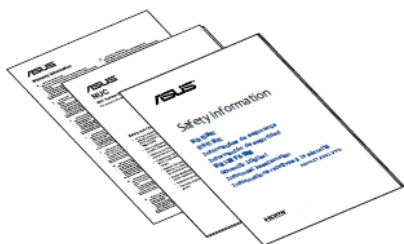
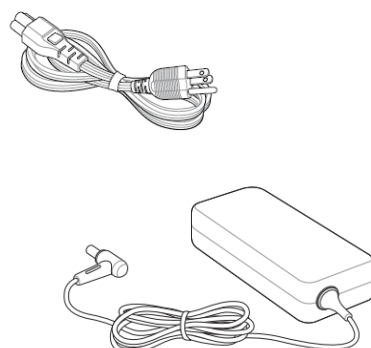
VM31



VESA Mount + Screws



AC Power Adapter and
AC Cord*



Inserts

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.