



MAGNUS ONE ULTRA EU275080C (Barebone)

SKU: ZBOX-EU275080C-BE/BE1/J/U/K/AUS

The MAGNUS ONE ULTRA, at 11.46 liters, is currently the smallest PC equipped with a Desktop GeForce RTX 5080 Graphics Card and a Desktop Intel Core Ultra Processor available on the market. Take advantage of the powerful, NVIDIA Blackwell architecture graphics card for high-fidelity, 4K AAA ray-traced graphics and AI-enabled workflows. With an Intel Core Ultra 7 Processor, up to 96GB of DDR5-6400 CSODIMM/ 5600 SODIMM memory, and fast, full-range connectivity options, the all-new MAGNUS ONE ULTRA promises to deliver performance that crushes any other PC of the same, or even bigger, form factors.



KEY FEATURES

- Powered by NVIDIA Blackwell architecture and DLSS 4.5
- Compact 11.46 Liter chassis
- Integrated 850W PSU
- Thunderbolt 4
- 20-core Desktop Intel Core Ultra 7 Processor 265
- Desktop GeForce RTX 5080 16GB GDDR7 GPU
- Native 4K output, up to 4 displays
- Real-time Ray Tracing
- DLSS 4.5 with Multi-Frame Generation
- NVIDIA® Studio Drivers Compatible
- NVIDIA® G-SYNC® compatible
- Microsoft DirectX 12
- Wi-Fi 7 & Bluetooth 5.4, Dual LAN (5Gbps + 1Gbps)
- Combined AI TOPS of 1801 (GPU) + 33 (CPU)
- Gaming Ready / Creator Ready / 4K Ready / AI Ready



DUAL
LAN



THUNDERBOLT 4



WIFI 7



UHS-II SDXC
CARD READER



ULTRA HD
4K



QUAD DISPLAY
SUPPORT

TECHNICAL SPECIFICATIONS

SPECIFICATIONS

- Intel Core Ultra 7 Processor 265 (20-core, 2.4 GHz up to 5.3 GHz)
- ZOTAC GAMING GeForce RTX 5080 16GB GDDR7 (Graphics card compatibility – Power: max 360W, Width: 2.5 slot, Length: max 303.5 mm/11.9 in)
- 850W PSU

DISPLAY OUTPUTS

- 1 x HDMI 2.0 (integrated)
- 3 x DisplayPort 2.1b with UHBR20 (up to 4K 480Hz or 8K 165Hz with DSC)
- 1 x HDMI® Connector (Supports 4K 480Hz HDR or 8K 120Hz HDR with DSC, and Gaming VRR as specified in the HDMI 2.1b Specification)
- DisplayPort via Thunderbolt 4 (integrated)
- Max 4 displays (cloned) or 6 displays (extended)

HARD DRIVE & MEMORY

- 2 x DDR5-6400 CSODIMM/ DDR5-5600 SO-DIMM Memory slots (up to 96GB)
- 1 x M.2 NVMe PCIe 5.0 x4 SSD slot (2242/2280)
- 1 x M.2 NVMe PCIe 4.0 x4 SSD slot (2242/2280)

FRONT PORTS

- UHS-II 3-in-1 card reader (SD/SDHC/SDXC)
- 1 x USB 3.1 Gen 1 (5Gbps, Type A) port
- 1 x USB 3.1 Gen 1 (5Gbps, Type C) port
- Power button and power LED
- Wi-Fi LED, Hard drive LED

REAR PORTS

- Power Connector
- 2 x USB 3.1 Gen 1 (5Gbps, Type A) ports
- 4 x USB 3.2 Gen 2 (10Gbps, Type C) ports
- 1 x 10/100/1000 Ethernet
- 1 x 10/100/1000/2500/5000 Ethernet
- Dual Wi-Fi antenna connector
- 1 x Thunderbolt 4 port

CONNECTIVITY

- Wi-Fi 7 (802.11 be)
- Bluetooth 5.4

AUDIO OUTPUTS

- Onboard 8 Channel Digital Audio via HDMI
- Analog Stereo In / Out

SOFTWARE COMPATIBILITY

- Microsoft Windows 11 ready

INSIDE THE BOX

- ZOTAC ZBOX MAGNUS ONE ULTRA EU275080C
- Power Cord (bundled cable quantity and type dependent on region)
- 2 x Wi-Fi Antenna
- USB Flash Drive with drivers
- Quick Install Guide

MINI PC DIMENSIONS

- Length: 365.5mm (14.39in)
- Width: 126mm (4.96in)
- Height: 249mm (9.8in)

BOX DIMENSIONS

- Length: 540mm (21.26in)
- Width: 327mm (12.87in)
- Height: 205mm (8.07in)

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