



MAGNUS ONE ER98N5070C (Windows)

SKU: ZBOX-ER98N5070C-BE1/J/U/K/AUS-W4B, ZBOX-ER98N5070C-BE-W5B

The MAGNUS ONE ER98N5070C is powered by an AMD Ryzen™ 9 9850HX and a fully-featured desktop NVIDIA GeForce RTX 5070 with 12GB of GDDR7 memory. Thanks to these powerful yet efficient components, it excels at gaming, creative tasks, or even AI experiences. Tool-less access mechanisms also make upgrading memory, storage, or even a new graphics card a breeze.



KEY FEATURES

- Powered by NVIDIA Blackwell architecture and DLSS 4
- Compact 8.48 Liter chassis
- Integrated 500W 80+ Platinum PSU
- 12-Core AMD Ryzen™ 9 9850HX Processor
- Desktop GeForce RTX 5070 12GB GDDR7 GPU
- Native 4K output, up to 4 displays
- Real-time Ray Tracing
- DLSS 4 with Multi-Frame Generation
- NVIDIA® Studio Drivers Compatible
- NVIDIA® G-SYNC® compatible
- Microsoft DirectX 12
- Wi-Fi 7 & Bluetooth 5.4, 5Gbps LAN
- Gaming Ready / Creator Ready / 4K Ready / AI Ready



5GBPS LAN



UHS-II CARD READER



WIFI 7



QUAD DISPLAY SUPPORT



ULTRA HD 4K

TECHNICAL SPECIFICATIONS

SPECIFICATIONS

- AMD Ryzen™ 9 9850HX 12 Cores, 3.0 GHz (up to 5.2 GHz)
- ZOTAC GAMING GeForce RTX 5070 12GB GDDR7 (Graphics card compatibility – Power: max 250W, Width: dual-slot, Length: max 245mm/9.65in)
- 500W 80+ Platinum 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 USB-C (integrated)
- Max 4 displays (cloned) or 6 displays (extended)

HARD DRIVE & MEMORY

- 1 x 16GB DDR5-5600 SO-DIMM Memory (one of two slots occupied)
- 1 x 1TB M.2 PCIe 4.0 x4 SSD (Slot Speed: PCIe 5.0)
- 1 x M.2 NVMe PCIe 5.0 x4 SSD slots (2242/2280)
- Supports RAID 0 or 1 if two NVMe SSDs are installed

FRONT PORTS

- UHS-II 3-in-1 card reader (SD/SDHC/SDXC)
- 1 x USB 3.2 GEN 2 port (10Gbps, Type-A)
- 1 x USB 3.2 GEN 2 port (10Gbps, Type-C)
- Power button and power LED
- Wi-Fi LED, Hard drive LED

REAR PORTS

- Power Connector
- 2 x USB 3.2 GEN 1 ports (5Gbps, Type-A)
- 4 x USB 3.2 GEN 2 ports (10Gbps, Type-A)
- 1 x 10/100/1000/2500/5000 Ethernet
- Dual Wi-Fi antenna connector
- 1 x USB-C ALT Mode Port (10Gbps, Type-C)

CONNECTIVITY

- WiFi 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 Home Pre-Installed

INSIDE THE BOX

- ZOTAC ZBOX MAGNUS ONE ER98N5070C
- Power Cord (bundled cable quantity and type dependent on region)
- 2 x Wi-Fi Antenna
- USB Flash Drive with OS recovery
- Quick Install Guide

MINI PC DIMENSIONS

- Length: 270.5mm (10.65in)
- Width: 126mm (4.96in)
- Height: 249mm (9.8in)

BOX DIMENSIONS

- Length: 440mm (17.32in)
- Width: 327mm (12.87in)
- Height: 205mm (8.07in)

*Windows 11 Home N for Regions of Europe.

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