

EM PRO midi

the (even more) Power-Tower

Why EM PRO midi?

AMD Ryzen™ Embedded **V2000** series with „Zen 2“ x86 core architecture and Radeon™ graphics, max. 8 cores / 16 threads

Ideal for use in:

- Workstations
- Business PCs (office/home office)
- advertising applications
- production
- Warehouse/Logistics
- micro-server
- NAS server
- Edge server
- IoT solutions
- router
- building automation

and much more

Performance meets design

**Design and production
Made in Germany**

2 x up to 4K/60Hz monitors supported with mini DP, DP and HDMI with adapter

24/7 operation



Specification

CPU

AMD V2546¹ (OEM only) and V2748¹, up to 4.25 GHz, up to 8 cores, 16 threads, max. 54W supported

¹10 years availability according to CPU manufacturers specification

Max. memory

32 GB dual channel DDR4 memory



Rear connections

Power supply

Min. 10.8V / Max. 26.4V (DC)

Max. operating temperature

0°C to +50°C commercial grade
- other on request

Max. storage temperature

-40°C to +85°C

Max. relative humidity

95% @ 40°C, non-condensing

Housing

Sturdy aluminum housing,
black anodized

Mounting

Stand alone

Dimensions approx.

111 x 117 x 201 mm

Weight approx.

1.750 grams + options

Conformity

CE, ROHS, REACH

OS support

(OS licence is optional)

Microsoft® Windows® 11

Microsoft® Windows® 10

Linux Ubuntu 20.04 LTS

Display-Port connectors

2 Mini-DP++ connectors up to 4096x2160 @ 60 Hz

Sound

3.5mm MIC in / headphone out

Health monitoring and management

Speed-controlled FAN (PWM + Tacho)
and hardware monitoring

fTPM + TPM

AMD firmware Trusted Platform Module
Infineon SLB9670 TPM

Other

Power and status LEDs

Temperature-dependent LED for indication of
system heat

USB ports

1 Dual USB 3.1 Gen2 (10Gb/s,
limited to: 900mA)

1 internal USB 2.0 (limited to: 900mA)

1 USB-C 3.1 Gen2 (10Gb/s,
limited to: 1500mA)

Serial Ports

2 RS-232

Gigabit Ethernet

2 Intel® I225 / 2.5 Gigabit

WiFi (optional)

802.11 AC with diversity

SSD (optional)

M.2 SATA or

up to 2 NVME / 64-512GB

2x 2,5" HDD/SSD extensions kit

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