

EM PRO midi

the Power-Tower

Why EM PRO midi?

AMD Ryzen™ Embedded
V1807B with Radeon™ Vega graphics

Ideal for use in:

- building automation
- Business PCs (office/home office)
- advertising applications
- production
- warehouse/logistics
- micro-server
- NAS server
- edge server
- IoT solutions
- router
- workstations

and much more

Performance meets design

Design and production

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



24/7 operation

Specification

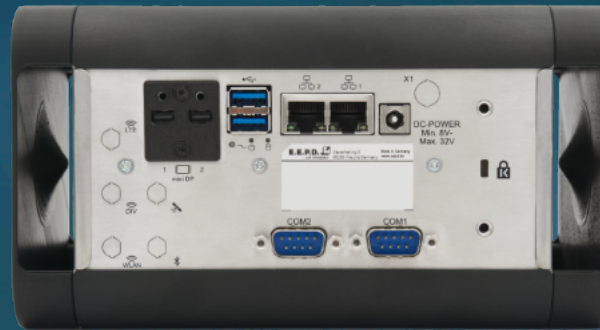
CPU

AMD V1807B¹, up to 3.8 GHz,
up to 4 cores, 8 threads, max. 54W supported

¹ 10 years availability according to CPU manufacturers specification

Max. memory

32GB dual channel DDR4 memory
with ECC support



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

Dimension 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® 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

SD-Card

1 Micro SD card socket, V3.0 Host Controller
Up to 2.2TB

FTPM + TPM

AMD firmware Trusted Platform Module
Infineon SLB9670 TPM

Other

Power und status LEDs

USB Ports

3 USB 3.1 Gen1
1 USB 2.0

Serial Ports

2 RS-232

Gigabit Ethernet

2 Intel® I210 with IEEE1588

WiFi (optional)

802.11 AC with diversity

SSD (optional)

M.2 up to 2x NVME / 64-512GB

SD-Card

1 Micro SD card socket

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HIGH QUALITY
MADE IN GERMANY