

EM PRO mini

the professional IT solution

Why EM PRO mini?

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

**Design and production
Made in Germany**

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

Ideal for use in:

- Building automation
- Business PCs (office/home office)
- Advertising applications
- Production
- Warehouse/Logistics
- Micro Server
- Edge Server
- IoT solutions
- Workstations

and much more

24/7 operation

Small and powerful - as high as
three stacked square chocolate
bars - but completely without
calories



Specification

CPU

AMD V2516¹ and V2718¹, up to 4.15 GHz,
up to 8 cores, 16 threads, max. 25W supported

¹10 years availability according to the specification of the CPU manufacturer

Max. memory

32 GB dual channel DDR4 memory



Rear connectors

Power supply

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

Max. operating temperature

0°C to +50°C commercial ambient
temperature - other on request

Max. storage temperature

-40°C to +85°C

Max. relative humidity

95% @ 40°C, non-condensing

Housing

Sturdy metal housing

Mounting

Stand alone or VESA

Dimensions approx.

117 x 115 x 51 mm

Weight approx.

700 grams + options

Konformität

CE, ROHS, REACH

OS support

(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 (optional)

3.5mm MIC in / headphone out

Device monitoring and management

Speed controlled fan (PWM + Tacho)
and hardware monitoring

fTPM

AMD firmware Trusted Platform Module
TPM 2.0 Support (Infineon SLB 9670)

Other

Power and status LEDs

USB ports

1 Dual USB 3.1 Gen2
(10Gb/s, fused to: 900mA)
1 USB-C Port 3.1 Gen2
(10Gb/s, fused 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

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