

# 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 V2516<sup>1</sup> and V2718<sup>1</sup>, up to 4.15 GHz, up to 8 cores, 16 threads, max. 25W supported

<sup>1</sup>10 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 22.04 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® I226 / 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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MADE IN GERMANY