

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

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

**Design and production
Made in Germany**

24/7 operation

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

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

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 - others 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 44 x 113 mm

Weight approx.

700 grams + options

Conformity

CE, ROHS, REACH

OS support

(license is optional)

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

3 USB 3.1 Gen1

1 USB-C Port 3.1 Gen2

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

HIGH QUALITY

MADE IN GERMANY



The information contained in this document has been carefully checked and is believed to be reliable. However, E.E.P.D. GmbH makes no guarantee or warranty concerning the accuracy of said information and shall not be responsible for any loss or damage of what ever nature resulting from the use of, or reliance upon, it. E.E.P.D. does not guarantee that the use of any information contained herein will not infringe upon the patent, trademark, copyright or other rights of third parties, and no patent or other license is implied hereby. AMD and the AMD logo are trademarks of Advanced Micro Devices, Inc. Intel and the Intel logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. This document does not in any way extend E.E.P.D.'s warranty on any product beyond that set forth in its standard terms and conditions of sale. E.E.P.D. reserves the right to make changes in the products or specifications, or both, presented in this publication at any time and without notice. LIFE SUPPORT APPLICATIONS: E.E.P.D.'s products are not intended for use as critical components in life support appliances, devices or systems in which the failure of a E.E.P.D. product to perform could be expected to result in personal injury. All mentioned trademarks are registered trademarks of their owner. © 2021 by E.E.P.D. GmbH. All rights reserved. May 7th 2021 – Version 1.0

E.E.P.D. Electronic Equipment
Produktion & Distribution GmbH

Gewerbering 3

85258 Weichs - Germany

Phone +49 8136 2282-0

Fax +49 8136 2282-109

Internet: www.eepd.de

E-Mail: sales@eepd.de