

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 manufacturer's 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 22.04 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,
fused to: 900mA)

1 internal USB 2.0 (fused to: 900mA)

1 USB-C 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

2x 2,5" HDD/SSD extensions kit

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

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.
© 2023 by E.E.P.D. GmbH. All rights reserved. March 31 2023 – Version 1.6

HIGH QUALITY

MADE IN GERMANY