

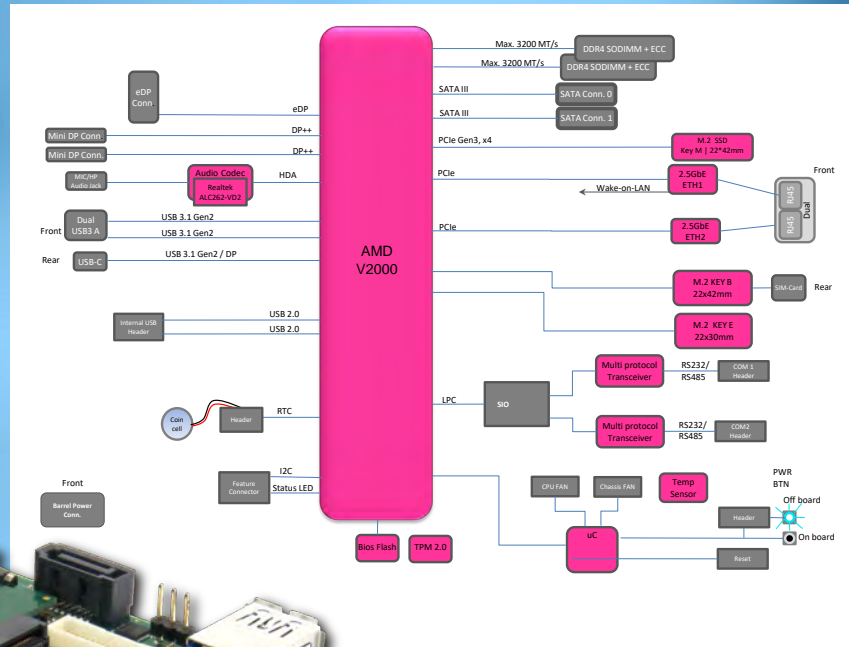
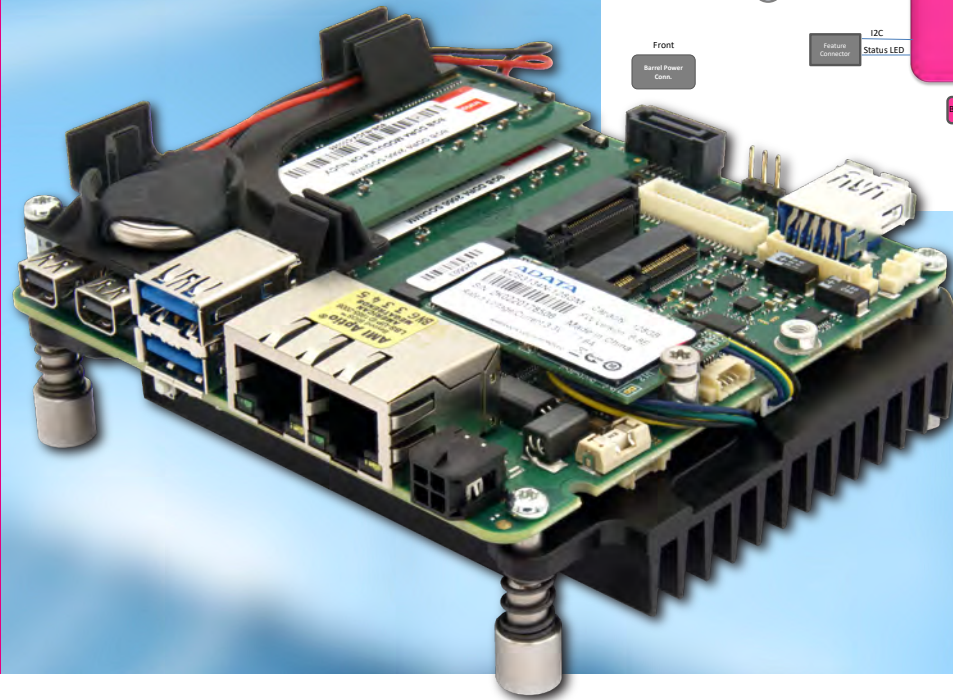
PROFIVE® NUCE_C 25W

APPLICATIONS

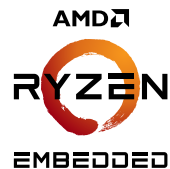
The **PROFIVE® NUCE** was designed as a low power eNUC board with an excellent performance-per-watt ratio and is optimal adapted for:

- _ AI Systems
- _ Medical Solutions
 - AMD Ryzen™ performance
- _ ML Machine Learning
- _ CV Computer Vision
- _ Robotics
- _ Micro-Server
- _ High-Performance Workstations
- _ Industrial Systems
 - low power | high performance
- _ IoT
 - edge / fog gateway

¹10 years availability according to CPU manufacturers specification



HIGH QUALITY
MADE IN GERMANY



E.E.P.D. 
...just embedded!

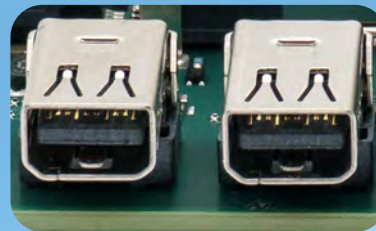
eNUC 101x101

SPECIFICATIONS

CPU	AMD V2000 series ¹ up to 4.15 GHz, up to 8 cores, 16 threads, max. 25W supported
Max. memory	32 GB dual channel DDR4-3200 SO-DIMM memory with ECC-support
Gigabit Ethernet	2 Intel® I225 with 2,5 Gbit/s TSN-support Wake-On-LAN supported by one port
M.2 socket	1 Key B, 30 mm x 42 mm 1 Key E, 22 mm x 30 mm 1 Key M, 22 mm x 42 mm (SATA or NVMe with PCIe4)
Serial ATA	2 (6G) with separate power connector
USB ports	2 USB 3.1 Gen1 (900mA) 2 USB 2.0 (internal) (900mA)
USB-C connector	1 USB-C 3.1 Gen2 (max. approx. 1.5A)
DP connectors	2 Mini-DP++ connectors up to 4096 x 2160 @ 60 Hz
Serial port	2 RS-232/485 (HDX/FDX) provided through SUPER I/O
Sound	HDA with MIC in / Headphone out at a 3.5 mm Audio Jack / Line in / Line out
fTPM / TPM	AMD firmware Trusted Platform TPM 2.0 support (Infineon SLB 9670)
Health monitoring and management	Controllable FAN (PWM + Tacho) Hardware monitoring and watchdog
Other	Power and status LEDs, max. 4 GPIO (3.3V) and max. 3 GPIO with PWM (3.3V/50kHz)
Power supply	Min. 10.8 V / Max. 26.4 V (DC)
Max. operating temp.	0°C to +60° (ambient, commercial) Depending on components (RAM & SSD) used, the temperature may be limited to 0°C to +50°C
Max. storage temp.	-40°C to +85°C
Max. relative humidity	95% @ 40°C, non-condensing
Size approx.	107 x 46 x 113 mm
OS support	Microsoft® Windows® 10 Microsoft® Windows® 10 IoT Enterprise Linux Ubuntu 20.04 LTS

Ordering Code CPU	Description	Type
NUCEFCO	eNUC	V2516 / 6C / 12T / 2.1 GHz - 3.95 GHz / 10 - 25 W
NUCEGCO	eNUC	V2718 / 8C / 16T / 1.7 GHz - 4.15 GHz / 10 - 25 W

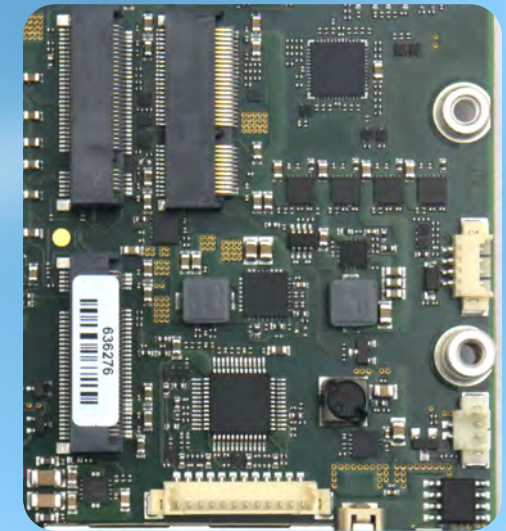
Ordering Code Memory	Description	Size
4GB-NUCE_C 4GB-NUCEE_C	Main Memory	4GB
8GB-NUCE_C 8GB-NUCEE_C	Main Memory	8GB
16GB-NUCE_C 16GB-NUCEE_C	Main Memory	16GB



Dual-Mini-DP-Support
Single Display Max. 4096 x 2160 @ 60 Hz



Dual 2.5 Gigabit Ethernet



Triple M.2 Sockets / WLAN_BT / 4G_5G

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. June 2nd 2021 - Version 1.3

**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