EM TRUST
systems you can trust

eNUC

BSIP-NUCE

APPLICATIONS

The **EM BSIP-NUCE** is a german engineered and produced high quality fanless BoxPC System. Designed as a flexible ow power system with an excellent performance-per-watt ratio it is optimal adapted for:

_AI Systems
_ Medical Solutions
AMD Ryzen™ performance
_ ML Machine Learning
_ CV Computer Vision
_ Robotics
_ Micro-Server
_ High-Performance Workstations
_ Rugged Industrial Systems
no rotating parts, low power
_ IoT
edge / fog gateway

[1]10 years availability according to CPU manufacturers specification

HIGH QUALITY
MADE IN GERMANY

10 years long life support [1]

AMD RYZEN Embedded

WATER PROOF

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

SPECIFICATIONS

CPU	AMD V2000 series[1], up to 3.95 GHz Up to 6 cores, 12 threads, max. 25 W supported
Max. memory	Up to 32 GB dual channel DDR4-3200 SO-DIMM memory
SSD (optional)	M.2 SATA or up to 2 NVME / 64-512 GB
Gigabit Ethernet	2 Intel® I226 with 2,5 Gbit/s and IEEE1588
USB port	1 Dual USB 3.1 Gen2 (10Gb/s, fused to: 900mA each)
USB-C connector	1 USB-C 3.1 Gen2 (10Gb/s, fused to: 1500mA)
Serial port	2 RS-232
DP connector	2 Mini-DP++ connectors up to 4096 x 2160 @ 60 Hz
Sound	HDA with MIC in / Headphone out at a 3.5 mm Audio Jack / Line in / Line out
Health monitoring and management	Hardware monitoring and watchdog
fTPM	AMD firmware Trusted Platform Module TPM 2.0 support (Infinion SLB9670)
WiFi	802.11 AC with diversity (OEM only)
Power supply	Min. 10.8 V / Max. 26.4 V (DC)
Max. operating temp.	0°C to +50°C ambient commercial grade; other on request
Max. storage temp.	-40°C to +85°C
Max. relative humidity	95% @ 40°C, non-condensing
Size approx.	130 x 56 x 217 mm
Weight approx.	1.480g + options
OS support	Microsoft® Windows® 10; Microsoft® Windows® 10 IoT Enterprise; Microsoft® Windows® 11; Linux Ubuntu 22.04 LTS

Ordering Code System	Description	Type
BSIP_NUCEF	eNUC System	V2516 | 6C | 12T | 2.1 GHz - 3.95 GHz | 10 - 25W
4GB-NUCE	Main Memory	4 GB
8GB-NUCE	Main Memory	8 GB
16GB-NUCE	Main Memory	16 GB
32GB-NUCE	Main Memory	32 GB

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