

EM-MicroBox

Passive cooled embedded PC



Dust-protected, passive cooled embedded PC with several standard interfaces and mounting options

- ✱ 4th Generation Intel® Core i7 / i5 / i3 / Pentium Processor < 45W
- ✱ Up to 32 GB DDR3 Memory
- ✱ Internal 2.5" SSD up to 4 TB or MSATA
- ✱ Up to 5 serial ports on Sub-D 9 connectors
- ✱ WiFi 802.11 b/g/n incl. antennas (optional)
- ✱ Solid Aluminum housing - fanless
- ✱ Embedded Long-life Series
- ✱ Operating Systems Linux and Windows (others on request)
- ✱ Mounting Options: Desktop, DIN-Rail or Wall-mount

EM-MicroBox is a rugged, fanless and dust protected Embedded PC in a small form factor with several mounting options.

It is available in many configurations regarding CPU, memory, interfaces and storage options.

The functionality can be extended via internal Mini-PCIe slots.

Target Applications:

- Industrial (IoT)
- Automotive (option)

Box PC	CPU Chipset Memory Storage	Intel® LGA 1150 Socket Core i7/i5/i3/Pentium CPU Intel® Q87 Express Chipset Dual channel DDR3 memory up to 32 GB 1x 2.5" SATA III 6Gb/s internal drive bay 1x full-size mSATA (shared with Mini-PCIe)
Interfaces	Ethernet USB Graphic Ports Serial Ports Audio	2x Gigabit Ethernet RJ-45 4x USB 3.0, 2x USB 2.0 (on front panel) 1x HDMI, 1x DVI-I up to 5x COM ports (4x RS232, 1x RS232/RS422/RS485) Line-Out, Mic-In
Expansion	Mini-PCIe	1x half-size, 1x full-size (shared with mSATA)
Mechanical	Mounting Dimensions (W x H x D) Weight	Desktop, DIN-Rail or wall-mount 260 x 58.5 x 208 mm 1.5 kg
Power	Input Voltage Range	9-24 VDC
Power Consumption	Typical	<35 W
Environment	Operating Temperature Storage Temperature	0°C to 40°C -20°C to +85°C
Software Support	Linux, Windows	Others on request

Ordering Information

Configuration	Description	Order Code
EM-MicroBox	Intel® Core i3, 8GB RAM, 128GB SSD, 2x COM	A09567
EM-MicroBox	Intel® Core i5, 8GB RAM, 128GB SSD, 2x COM	A09570
EM-MicroBox	Intel® Core i7, 8GB RAM, 128GB SSD, 2x COM	A09571

Contact

EMCOMO Solutions AG
Industriestr. 10
89231 Neu-Ulm
Germany

tel +49 (731) 880351-0
microbox@emcomo.de
www.emcomo.de