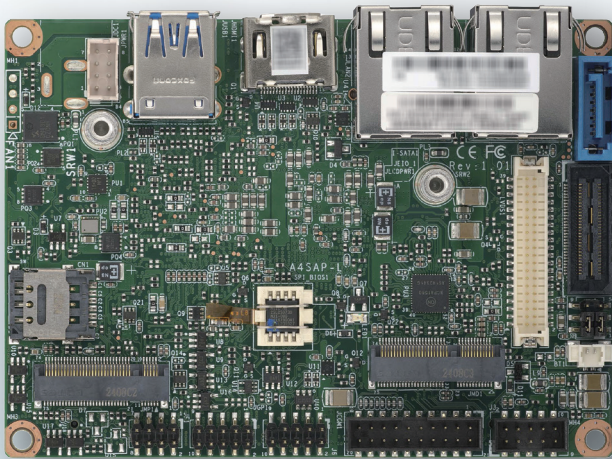


IoT Motherboard

CME-IAP-W



KEY FEATURES

- Intel® Atom® Processor x7433RE (9W, 4C)
- DDR5 4800 MT/s SODIMM, up to 16GB
- Dual Realtek RTL8111Ki (1GbE each)
- 1 HDMI, 1 48-bit LVDS, Intel® HD Graphic 2 independent displays
- Wide temperature support: -40°C to 65°C

⚠ Product details and images may change without notice.

MAIN BOARD

Pico-ITX

Dimension 100 x 72mm

PROCESSOR

CPU Intel® Atom® x7433RE

Turbo Frequency 3.4 GHz

CPU TDP 9W

SYSTEM MEMORY

Memory 1 x DDR5, 4800MT/s SODIMM, up to 16GB

EXPANSION SLOTS

M.2 1 x M.2 B-Key 2242/3042 with Nano SIM (PCIe x1/SATA 3.0/USB 2.0/USB 3.2)
1 x M.2 E-Key 2230 (PCIe x1/USB 2.0)

POWER CONNECTOR

2 x 4P Box Header, 12V

INPUT / OUTPUT

LAN Dual Realtek RTL8111Ki 1 GbE each

Video Display 1 x HDMI: Rev 1.4b
1 x LVDS: Dual channel 48-bit

I/O Devices 1 x COM Header (supports two RS232/422/485 ports)
2 x USB 3.2 Gen2 x1 Type-A ports and 1 x USB Header (supports two USB 2.0 ports)
1 x HD Audio Header with Line-out and Mic-in
1 x SATA 3.0 Port

EI/O (Option) HDMI, 1 x PCIe x1, 2 x USB 2.0, eSPI, SMBus, +5 Vsb, +12 Vsb

ENVIRONMENT

Temperature Operating: -40° to 65°C
Non-operating: -40° to 85°C

Humidity Operating: 8% to 90% (non-condensing)
Non-operating: 10% to 95% (non-condensing)

OS

Windows 10/11 IoT Enterprise
Linux Ubuntu 22.04 LTS/ 24.04 LTS

