



CMB-37T – Fanless Barebone System with Intel® Atom™ Processor X Series (Amston Lake)

The CMB-37T is a small form factor fanless barebone system equipped with an Intel® Atom™ Processor X Series Amston Lake SoC. This system marries efficiency with capability, allowing up to 3 simultaneous displays using the extensive onboard I/O. The CMB-37T has 2 2.5 gigabit Ethernet LAN ports, along with 2 USB 3.2 Gen 2 ports, allowing for blazing fast data transfer speeds, helping to make it such a versatile industrial solution.

SPECIFICATIONS

CPU	Intel® Atom™ x7433RE Processor
Memory Type	262-pin DDR5 4800MHz SO-DIMM
Memory Slots	1
Maximum Memory Supported	32GB
Chipset	Integrated in SoC
Integrated Graphics	Intel® UHD Graphics
Video	1 x HDMI, 1 x DP++, 1 x USB-C (DP Alt Mode, DP 1.4a); triple-display capable
LAN Ports	2 x Intel® I226 Gigabit LAN (Up to 2.5GbE)
Storage	1 x M.2 M-Key 2280 PCIe Gen3 x4
TPM	2.0 (Optional)
Extended Interface	1 x M.2 E-Key 2230 for Wi-Fi/Bluetooth module
Front I/O	2 x RS-232/422/485, 2 x RS-232, 2 x USB 2.0
Rear I/O	2 x USB 3.2 Gen2, 2 x LAN, 1 x HDMI, 1 x DP, 2 x WiFi Port (option), 1 x USB Type-C (DP Alt. mode), 1 x DC-Jack 9 ~ 35V, 1 x COM Port (option)

Power Requirement	DC Input 9 ~ 35V; 12V / 84W adapter included
Dimensions	5.71" x 7.87" x 1.61" (145mm x 200mm x 41mm)
Weight	0.95 kg (2.09 lbs)
Operating Temperature	-10 ~ 50°C (14 ~ 122°F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Relative Humidity	0 ~ 90% @ 40°C, non-condensing
OS Software Supported	Windows 10 64-bit, Windows 11 64-bit, Linux
Global P/N / SKU	1708635

Ordering Options

CMB-37TX4DNS (SKU# 1708635): Fanless Barebone System with Intel® Atom™ x7433RE Processor

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