CMB100 Series

Expandable System

High Performance Expandable Industrial Computer Powered by 7th/6th Gen Intel® Core DT processors

15 years Life Time

TAIWAN EXCELLENCE 2022

Features

- Supports 7th/6th Gen Intel® Core™ DT processors (TDP 65W) with specified M/B
- expansion slots : 1x PCI-E(x16), 1x PCI-E(x8), 1x PCI-E(x4)
- 500W 1U Flex ATX power supply [default]
- 2-pin remote boot extension design
- Supports 2x HDMI and GbE ports, USB 3.0 ports
- Four removable 2.5" storage bays (supports RAID 0/1)
- MiniPCI-E and M.2 M-Key (2280)
- TPM, DIO, iAMT, iSMART [optional]

Specifications

System Mainboard	C236 MicroATX motherboards
CPU Type	7th/6th Gen Intel® Core™ DT processors (TDP 65W)
System Speed	Up to 4.2GHz (C236 supports ECC by CPU SKU)
Memory	2x DDR4-2933/2666 U-DIMM, Max. 64GB
Front Panel External I/O	2-pin remote boot extension design Detachable side cover for GFX Card 4x slots Power button 2x HDMI 6x USB 3.0 ports, 4x USB 2.0 (expandable) 2x RJ45 Gigabit Ethernet port 2x RS232/422/485, 2x RS232
Rear Panel External I/O	Pluggable cooling-fan
Expansion Slots	1x PCI-E(x16), 1x PCI-E(x8), 1x PCI-E(x4), 1x M.2 (M-key 2280)
Storage	4x 2.5" SATA (supports RAID 0/1)+Mini PCI-E 1x M.2 (M-key 2280)
Construction	SECC
Chassis Color	Black
Mounting Type	Desktop & wall mount
Dimensions	362.4mm(W) x 350.0mm(D) x 156.0mm(H) 14.26"(W) x 13.77"(D) x 6.14"(H)
Weight	Depends on the configuration of power supply and motherboard related components
Operating Temperature	0°C~45°C (32°F~113°F) (for 65W CPU) @60°C, non-condensing
Storage Temperature	-20°C~80°C (-4°F~176°F), @60°C, non-condensing
Relative Humidity	10~90% @ 60°C, (non-condensing)
Vibration	Non-Operating: 1.0 grms / 5~500Hz / random operation Operatiing:1 grms / 5~500Hz / random operation
Shock	With SSD: Operating 20G, IEC 60068-2-27, half-sine, 11 ms duration With SSD Non-Operating 40G, IEC 60068-2-27, half-sine, 11 ms duration With SSD
Certification	CE FCC Class-A / LVD

Ordering Information

CMB101M	Chassis with MicroATX motherboard w/o CPU, memory, storage, support 7th/6th Gen Intel® i7/i5/i3 / Pentium® / Celeron® QC/DC processors, up to 4.2GHz

Dimensions and Drawing

363.30   350

362.60

166.20   156.20