

Motherboard for OEM/ODM

OHC-988

AMD Ryzen™ Embedded V1000 Medical Mini-ITX Motherboard



Features

- AMD Ryzen Embedded V1000 Dual/Quad Core Processor
- Supports ECC/Non-ECC DDR4 SODIMM up to 32GB
- High Speed USB 3.1 x3
- PCI Express[x8] x1, M.2 slot x2, Mini Card x1
- +12V DC Input
- Low profile form factor for all-in-one terminal and 1U chassis
- Medical grade UL/EN-60601 pre-certified with low EMI radiation

Specifications

Main Specification

Processor	AMD Ryzen Embedded V1000 Processor
System Memory	DDR4 SODIMM x2, Max 32GB
Graphics	AMD Vega GPU with up to 11 Compute Units
Ethernet	Intel I211AT Gigabit x2
Audio	Realtek ALC662 HD Audio Codec
Expansion Interface	PCIe[x8] x1, M.2 2230(E-Key) for WiFi x1, M.2 2280(B-Key) for SSD x1, Half Size Mini Card x1
Power Requirement	+12V DC
OS Support	Windows 10, Linux
Board Size	170mm x 170mm
Operating Temperature	0°C ~60°C

Display

HDMI	HDMI 2.0 x1
DisplayPort	DisplayPort 1.4 x2
LVDS	18/24-bit Dual Channel LVDS x1

I/O

Storage	SATA 6Gb/s x1
USB	USB 3.1 Type-A x2, USB 3.1 Type-C x1, USB 2.0 x2
Serial Port	RS-232 x 2
Ethernet	Gigabit LAN x 2
Audio	Line out, Mic
Digital I/O	(4-in/4-out)

Order information

» OHC-988-A11-1605
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