

SD-OMEGA SD-837-S6

Intel Fanless Industrial onboard Computer



Features

- Support Intel Quad Core J1900 2.0GHz processor
- 1 x HDMI, 1 x VGA
- 2 x Intel WGI211AT. Support WOL, PXE
- 1 x 12PIN Phoenix terminal, 4IN4OUT Isolated GPIO, PWR ON, 5V
- 6 x RS232 (COM5/6 support RS485), 1 x USB3.0, 5 x USB2.0
- DC12V power input

System

CPU	Intel Quad Core J1900 2.0GHz CPU
Memory	1*DDR3L 1600MHz SODIMM, max. 8GB
LAN Chipset	Built-in 2*Intel WGI211AT GbE LAN controller Support Wake on LAN and PXE
Graphics	Intel HD Graphics
Audio	Built-in ALC662 6 channel Audio controller
Watchdog	Watchdog Timer support. Offer 0~255 step

I/O on Front Panel

USB port	4 x USB 2.0 Ports
Power button	1 x PWR button, 1 x Reset button
AC LOSS	1 x AC LOSS (Auto-ON button)
Phoenix Terminal	1 x 12pin, 4IN 4OUT GPIO, PWR ON, 5V
COM	2 x DB9 COM ports, COM5, COM6 support RS232/485
Expansion	1 x SIM slot

I/O on Rear Panel

LAN Chipset	2x RJ45 GbE LAN
Video output	1 x VGA, 1 x HDMI1.4
DC input	1 x DC input, support DC12V power input
Audio	1 x Line out, 1 x MIC
COM	4 x DB9 RS232 (COM1/2 support 9th pin 5V/12V with power)
USB port	1 x USB 3.0, 3 x USB2.0

Power Management

Power Input	DC 12V
Power type	External power adapter
Power output	AC to DC, 36W/60W optional

Expansion Slot

Mini PCIe	1 x Mini PCIe, support WiFi/4G module
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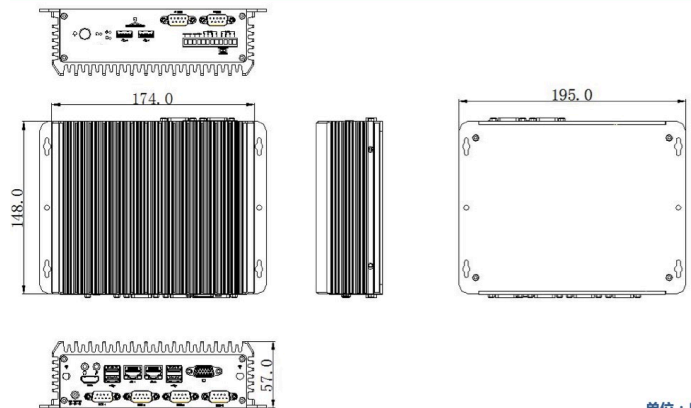
Storage

Type	1 x 2.5" HDD/SSD bay, 1 x MSATA SSD
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Environmental & Mechanical

Operating temp.	-10°C ~ 60°C
Storage temp.	-20°C ~ 70°C
Relative humidity	5% ~95% (non-condensing)
Vibration (random)	0.5g rms @ 5~500Hz random/ operating
Construction	Aluminum alloy
Mounting	Supports both of desktop mount and wall-mount
Weight	1.6kg (fully equipped)
Dimensions	174*195*78mm

Dimension



单位：MM

All specifications are subject to change without notice.

www.sd-omega.com