

SD-OMEGA SD-837-H2

Intel Fanless Industrial onboard Computer



Features

- Support Intel i7-6650U/ i5-6360U Dual Core
- 2 x HDMI, 1 x VGA
- 6 x Intel WGI211AT. Support WOL, PXE
- 2 x 10PIN Phoenix terminal, 4IN4OUT Isolated GPIO, PWR ON, 5V
- 2 x RS232, 4 x RS485, 4 x USB3.0, 3 x USB2.0
- Support 9V ~ 36V input

System

CPU	Intel Dual Core i5-6360U 2.0GHz CPU Intel Dual Core i7-6650U 2.2GHz CPU
Memory	2*DDR4 2133MHz SODIMM DDR3 (up to 32GB)
LAN Chipset	Built-in 2*Intel WGI211AT GbE LAN controller Support Wake on LAN and PXE
Graphics	Intel Iris Graphics 540, support DirectX 12 OpenGL 4.4, 4K
Audio	Built-in Audio
Watchdog	Watchdog Timer support. Offer 0~255 step

I/O on Front Panel

USB port	3 x USB 2.0 Ports, 1 x internal USB dog
Power button	1 x PWR button, 1 x Reset button
AC LOSS	1 x AC LOSS (Auto-ON button)
LED	1 x Power LED, 1 x HDD LED
Expansion	1 x SIM slot

I/O on Rear Panel

LAN Chipset	2x RJ45 GbE LAN
Video output	1 x VGA, 2 x HDMI 1.4
DC input	1 x DC input, 1 x 3PIN power input, support 9V~36V
Phoenix Terminal	2 x 10pin support 4 x RS232/485 isolated COM, 4IN4OUT Isolated GPIO, 5V
Audio	1 x Line out, 1 x MIC
COM	6 x RS232 (2 x DB9 RS232, 4 x RS/232/485 Phoenix terminal)
USB port	4 x USB 3.0 Ports
PS2	1 x PS2

Power Management

Power Input	9V ~36V wide range voltage input
Power Output	36W~180W

Expansion Slot

Mini PCIe	1 x Mini PCIe, support WiFi/4G module
M.2	1 x M.2, support M.2 2260/2280 NVME PCIE SSD

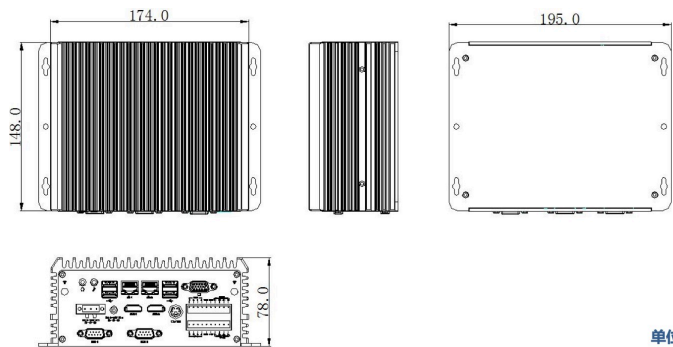
Storage

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