

SD-1908

Intel Gen8 i3/i5/i7 FANLESS onboard Computer

www.sd-omega.com



Features

- Intel Gen8 i3/i5/i7 processor
- Wireless support 3G/LTE w/SIM card slot
- WLAN, GSM/GPRS,BT (optional)
- Ultra low power consumption
- Dimension: 156*156*52mm

System

CPU	Intel Celeron Dual Core 3865U 1.8Ghz processor
	Intel Core i5-6360U 2.0Ghz processor
	Intel Core i7-6650U 2.2Ghz processor
	Intel Core i5-7200U 2.5Ghz processor
	Intel Core i7-7600U 2.8Ghz processor
	Intel Core i3-8145U 2.1Ghz processor
	Intel Core i5-8265U 1.6Ghz processor
	Intel Core i7-8565U 1.8Ghz processor
Memory	2 x DDR4 SODIMM 2133Mhz, up to 32GB
LAN Chipset	Built-in 2 x Intel WGI211AT
	Support Wake on LAN and PXE
Graphics	Intel Iris Graphics 540, support DirectX 12 OpenGL 4.4, supports 4K
Audio	Integrated Realtek ALC662 HD decoder, 6 channel
BIOS	64MB Flash ROM
Watchdog	Watchdog Timer Support, Offer 0-255 level reset

Expansion Slot

Mini PCIe	1 x Mini PCIe slot, support WiFi/LTE module
M.2	1 x M.2 slot, support M.2 2260/2280 NVME PCIEX4 SSD

Storage

m-SATA	1 x M-SATA SSD, up to 6Gbps
SATA	1 x 2.5" SATA HDD/SSD

Power Management

Power type	External power adapter
Voltage input	DC 12V
Power output	AC to DC, 36W/60W (optional)

Supported OS

Microsoft Windows	Windows 10, 64bit
Linux	Ubuntu

I/O on Rear Panel

USB port	4 x USB3.0
LAN	2 x RJ45 GbE LAN
Video output	1 x DP (4096x2304@60Hz), 1 x HDMI 2.0 (4096x2304@60Hz)
	1 x VGA (1920x1200@60Hz)
Audio	1 x Line out, 1 x MIC port
COM	2 x RS23 DB9 port, COM2 support RS232/RS485
DC	1 x 12V DC (IN)

I/O on Front Panel

POWER	1 x power button, 1 x reset button
AC LOSS	1 x AC LOSS (toggle switch when power on)
USB port	2 x USB2.0
SIM slot	1 x SIM card slot, support 3G/LTE module
Audio	1 x audio port, support Line out

Environmental & Mechanical

Operating temp.	-10°C ~ 60°C
Storage temp.	-20°C ~ 70°C
Relative humidity	5% ~95% (non-condensing)
Construction	Aluminum alloy
Mounting	Support wall-mount/desktop
Weight	1.25kg (barebone)
Dimensions	156*156*52mm

All specifications are subject to change without notice.

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