

SD-OMEGA SD828-4S

Intel Dual Core i3/i5 onboard Computer



Features

- Intel Core i3/i5 processor
- Wireless support 3G w/SIM card slot
- 6 x USB, 4 x COM, 1 x LAN (2 LAN optional)
- 12V DC power input
- Ultra low power consumption
- Dimension: 215*200*53mm

System

CPU	Intel Celeron J1900 2.0GHz Quad Core processor Intel Dual Core i3-4010U 1.7GHz processor Intel Dual Core i5-4300U 1.9GHz processor
Memory	4GB DDR3L 1600MHz SO-DIMM (support up to 8GB)
Chipset	Intel BayTrail / Haswell-U SOC platform
LAN Chipset	Built-in Realtek 8111F 1000 BaseT LAN controller Support Wake on LAN and PXE
Graphics	Intel HD Graphics
Audio	Integrated Realtek ALC662 HD decoder, 6 channel
Watchdog	Watchdog Timer support. Offer 0~255 step

I/O

USB port	6 x USB Ports
LAN	1x RJ45 Port (2 LAN optional)
Video port	1 x HDMI + 1 x VGA connectors (Support dual independent display)
COM	4 x RS232 port
Audio	1 x Line-out and 1 x Mic-in
Power Input	12V DC input jack

Internal I/O ports

LVDS	1 x LVDS 2*15pin header, support dual channel 24bit LCD 1 x LVDS inverter (1*6pin)
LPT	1 x LPT 2*13 pin header
GPIO	1 x GPIO, support 4 input/output
SIM slot	1 x onboard SIM card slot

Power Management

Power Input	12V DC Power input
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WLAN (optional)

WiFi	Built-in 802.11b/g/n WiFi
3G/4G	Built-in 3G/4G module

Storage

mSATA	1 x 64GB 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)	2.5g @ 5~400Hz with SSD
Construction	Aluminum alloy
Mounting	Supports both of wall-mount and desktop mount
Weight	2.5kg (fully equipped)
Dimensions	215*200*53mm

Rear View



All specifications are subject to change without notice.

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