

SD-OMEGA SD-2601

Intel Core i7-6700U with 2xLAN FANLESS BOX PC



Features

- Intel Core i7-6700U / Core i5-6300U
- Wireless support 3G, WLAN, GPS, GSM/GPRS, BT
- Triple display output (Dual HDMI / VGA)
- Support Embedded OS (Win 10 and Ubuntu 18.04)
- Dual Gigabit Ethernet and optional up to 4 x RS-232
- Wide range operating Temp: -30~+70°C
- Compact Size and Fanless
- DC 12V Power Input

System

CPU	Intel Gen 6 Core i7-6700U 2.6GHz up to 3.4GHz Intel Gen 6 Core i5-6300U 2.4GHz up to 3.0GHz Intel Gen 6 Core i3-6100U 2.3GHz Intel Gen 6 Dual Core 3955U 2.0GHz
Memory	1 x DDR4 2133 MHz SO-DIMM up to 16GB
Chipset	N/A
LAN Chipset	2 x Intel i210-AT Gigabit Ethernet
Graphics	Intel HD Graphics
ATA	2 x Serial ATA with 6GB/s HDD transfer rate
Watchdog	Watchdog Timer Support, Offer 1-255 level reset

I/O

Serial Port	2xRS-232 (2xRS232/485), optional 4xRS232
USB port	2 x USB 3.0 Ports and 2 x USB2.0
LAN	2 x RJ45 Ports for GbE
Video port	2 x HDMI, 1 x VGA
GPIO port	4 In and 4 out GPIO Ports (5V level)
Audio	Line-out / Mic-in
Expansion bus	2 x Mini-card slots

Storage

Type	1 x 2.5" drive bay for SATA Type Hard Disk Drive / SSD 1 x SATA DOM
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WLAN (Optional)

GPS	Built-in uBlox GPS with 3m extended antenna cable
3G/LTE	Built-in 3G/LTE module
WiFi & BT	Built-in 802.11b/g/n WiFi module

Qualification

Certifications	CE, FCC Class A
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Software

Operating system	Windows 10, Ubuntu 18.04
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Environmental

Operating temp.	-30°C ~ +70°C, ambient w/air
Storage temp.	-40°C ~ 85°C
Relative humidity	10% - 95% (non-condensing)
Power input	DC 12V input

Mechanical

Construction	Aluminum alloy
Mounting	Wall-mount/VESA-mount, Din rail mounting kit
Weight	1200g (bare-bone)
Dimensions	250 x 167.6 x 54 mm

All specifications are subject to change without notice.