

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 |
|------|--|

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 |
|----------------|-----------------|

Software

| | |
|------------------|--------------------------|
| Operating system | Windows 10, Ubuntu 18.04 |
|------------------|--------------------------|

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.