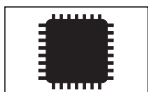
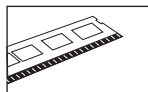


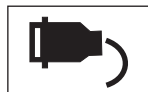
(All photos here are for reference only, Specifications are subject to the physical product.)



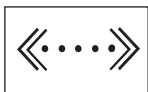
Intel® Haswell/
Broadwell



SODIMM
DDR3 1600



VGA + DVI



Gigabit LAN



Fanless

Features

- Intel® Haswell/Brodwell U-series CPU (Duo Core) compatible with I3/I5/I7
- Support Max.8GB DDR3 memory sockets
- Intel®HD4000/5000/6000 Graphic media accelerator
- VGA+DVI, Synch. Or Asynch. display
- 2*USB 3.0, 4*USB 2.0, 6*COM, 12bitGPIO
- SupportLPC BUS, SMBUS, 3 Extended Modes
- 1*full-size Mini-PCIe(support PCIe & USB devices)
1*full-size Mini-PCIe
(support USB 3G/4G communication Module)
- 2*Intel®I210 GbE Lan, POE power module (optional)
- DC 9-30V input
- FCC, CE, RoHS compliant

Specifications

| | | | |
|-----------------------------|----------------------|--|--|
| Processor | CPU | Intel® Haswell/Brodwell U-series CPU (Duo Core), Celeron/I3/I5/I7 CPU compatible,15-28W CPU | |
| | FSB | DMI | |
| | Chipset | Intel® Haswell/Brodwell U-series | |
| | BIOS | | |
| Memory | Architecture | Single Channel Low voltage DDR3 1600 MT/s | |
| | Capacity | MAX 8GB | |
| | Socket | SODIMM | |
| Display | Graphic Controller | Intel® HD4000/5000/6000 series Graphic media accelerator | |
| | DVI | DVI-D port Max. resolution : 4K | |
| | VGA | 1*DB15 VGA Max. resolution : 1920*1200 | |
| | Dual Display | VGA+DVI Synch. Or Asynch. Display | |
| LAN | Controller | LAN1: Intel®I210 GbE network LAN2: Intel®I210 GbE network POE POWER Module (optional) | |
| | Controller | Realtek HD ALC662 audio decoder(right&left channel + MIC) | |
| | Controller | NTC6106 SIO | |
| H/W | Watch Dog Timer | 0-255 sec., provide watch dog routine | |
| Monitoring | Temp. Detect | Support CPU/Motherboard/HDD temp. detect | |
| TPM | Controller | Optional | |
| I/O | USB3.0 | 2 x USB 3.0 PORT | |
| | USB2.0 | 4* USB2.0 / 1.1 (compatible), support max.+5V@1A. | |
| | Serial Port | Com1 9-wire RS232/RS485 optional,PIN9 jumper select +5V /+12V/RING, TX/RX signal, support 4000V surge protection Com2 3-wire RS232TX/RX signal, support 4000V surge protection Com3-COM4 3-wire RS232/RS485 optional,RS232 TX/RX signal,support 4000V surget protection,RS485 support isolation protection COM5-COM6 3-wire RS232TX/RX signal, support 4000V surge protection | |
| | GPIO | 12 bit, provide routine, freely degine I/O,3.3V@24mA level | |
| | Expansion BUS | LPC BUS | Support, 4*COM scalable |
| | | SMBUS | Support, multi GPIO scalable |
| | | Mini-PCIe | 1* half-size Mini-PCIe socket, support PCIe & USB device 1*full-size Mini-PCIe socket, support USB 3G/4G communication module 3G UIM socket |
| Storage | SATA | 2*standard 7PIN SATA connector,plus externalSATA HDD power connector | |
| | M-SATA | 1* full-size m-SATA socket, max transmission rate: 3Gb/s | |
| | Power | Power Type | AT/ATX mode via jumper selection,DC+9V-30V input, LTM 3780 power design,support power reverse andover-voltage protection. 3PIN 5.08mm phoenix connector. |
| LED Status Indicator | LED | HDD LED POWER LED | |
| | Environment | Operating Temp. | -20°C ~ 60°C |
| Storage Temp. | | -40°C ~ 80°C | |
| Operating Humidity | | 0% ~ 90% relative humidity, non-condensing | |
| Storage Humidity | | 0% ~ 90% relative humidity, non-condensing | |
| Form Factor | Dimensions | 260 x 225 x 105mm | |
| | Weight | 4.2KG | |
| Regulatory | Certificate | FCC, CE, RoHS standard | |

Ordering Information

