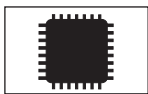
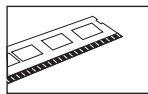


(All photos here are for reference only, Specifications are subject to the physical product.)



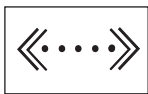
Intel® Haswell/
Brodwell



SODIMM
DDR3L 1600



VGA + DVI



Gigabit LAN



Fanless

Specifications

Processor	CPU	Intel® Haswell/Broadwell Useries CPU (Duo Core), Celeron/I3/I5/I7 CPU compatible
	FSB	DMI
	Chipset	Intel® Haswell/Broadwell 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-I connector Max. resolution: 4K
	VGA	1*DB15 VGA Max. resolution: 1920*1200
	Dual Display	VGA+DVI Synch. or asynch display
Ethernet	Controller	LAN1: Intel®I210 GbE LAN LAN2: Intel®I210 GbE LAN POE power module (optional)
	Controller	Realtek HD ALC662 audio decoder(right&left channel + MIC)
	Controller	NTC6106 SIO
H/W Monitor	Watchdog Timer	0-255 sec., providing watchdog routine
	Temp. Monitoring	Support CPU/Motherboard/HDD Temp. monitoring
TPM	Controller	N/A
I/O Port	USB3.0	4 x USB 3.0 PORT,Support Max. +5V@1A.
	USB2.0	2*USB2.0 / 1.1 compatible, Support max. +5V@1A.
	Serial Port	Com1 9-wire RS232 TX/RX signal, support 4000V surge protection Com2 3-wire RS232 TX/RX signal, support 4000V surge protection Com3-COM4 3-wire RS232/RS485 optional,RS232 TX/RX signal, support 4000V surge protection, RS485 supports isolation protection. COM5-COM6 3-wire RS232TX/RX signal, support 4000V surge protection Optional COM7-COM10 3-wire RS232TX/RX signal, support 4000V surge protection
	GPIO	Db15 male , 12bit,providing routine, user-defined I/O, 3.3V@24mA
	Expansion Bus	1*half-size Mini-PCIe 1xsocket,support PCIe & USB device 1*full-size Mini-PCIe 1x socket, support USB 3G/4G communication module 3G UIM socket
	Storage	SATA Standard SATA connector, plus external SATA HDD power connector M-SATA 1*full-size m-SATA socket, Max. transmission rate: 3Gb/s
Power	Power Type	AT/ATX (Jumper selection on H/W),DC9-30V input, LTM3780 power design,supportpower reverse/Over-voltage protection, 2PIN 5.08mm phenix connector
	LED Status	LED HDD LED POWER LED L1\L2 user-defined LED COM1-COM6 LED, flicker when working External power connector
Environment	Operating Temp.	-20°C ~ 60°C
	Storage Temp.	-40°C ~ 80°C
	Operating Humidity	0% ~ 90% relative humidity, non-condensing
Formfactor	Storage Humidity	0% ~ 90% relative humidity, non-condensing
	Dimension	Motherboard 200 x 130mm , Box PC: 215 x 136 x 50mm
Certificate	Weight	
		FCC, CE, RoHS

Features

- Intel® Haswell™/Brodwell™ U-series CPU (dual 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
- 4 * USB 3.0 , 2 * USB 2.0 , Option 10 * COM , 1 * GPIO
- 1* Half-size Mini-PCIe (support PCIe & USB devices)
- 1 * Full-size Mini-PCIe (support USB 3G/4G communication Module)
- 2 * RTL8111E GbE Lan, POE power module (optional)
- DC 9-19V input
- FCC, CE, RoHS compliant

Ordering Information

