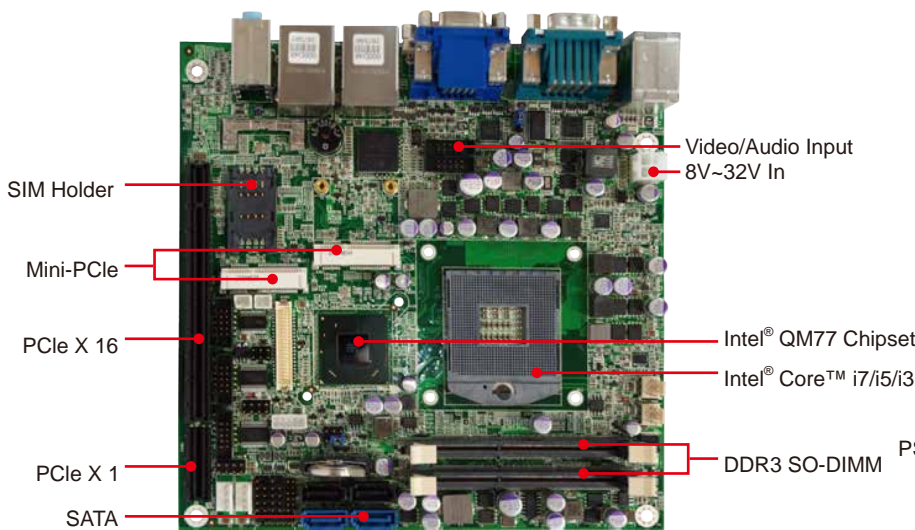


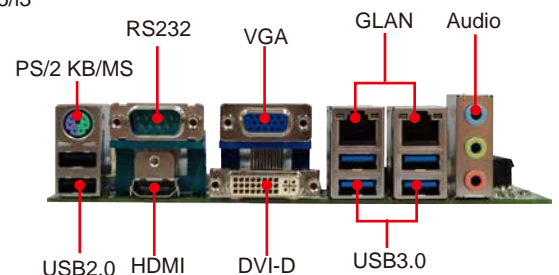
# MB-8300 NEW

Mini-ITX support 3rd generation Intel® Core™ Mobile / Ivy Bridge processor, Intel® QM77 chipset, HDMI/DVI/VGA/LVDS, PCIe X16, 2 Mini-PCIe, 4 COM, 4-ch Video/Audio input, DC 8V ~ 32V input



## Features

- Intel® Core™ i7/i5/i3 in Socket G2
- Intel® QM77 express chipset
- DDR3 up to 16GB, 4 x COM
- HDMI/DVI/VGA and 24-bit LVDS
- 2 x Intel® Giga LAN, LPC
- 4 x SATA with RAID, USB 3.0
- PCIe X16 & X1 slots, 2 x Mini-PCIe
- Optional 4-ch Video input & TPM
- HD Audio, DC 8V ~ 32V input



System	
<b>Form Factor</b>	Mini-ITX
<b>Processor</b>	Socket G2 Intel® Core™ i7/i5/i3/Celeron Mobile processor
<b>Chipset</b>	Mobile Intel® QM77 Express chipset
<b>Memory</b>	2 x 204-pin Dual-Channel DDR3 1066/1333/1600 up to 16GB
<b>BIOS</b>	AMI SPI BIOS
<b>Watchdog timer</b>	255 levels, 1 ~ 255 Sec.
<b>Ethernet</b>	1 x Intel® 82579LM Gigabit ethernet 1 x Intel® 82583V Gigabit ethernet
<b>SSD</b>	1 x Half-Size Mini-PCIe support mSATA
<b>Storage</b>	2 x SATA 6.0 Gb/s & 2 x SATA 3.0 Gb/s w/ RAID 0/1/5/10
<b>Digital I/O</b>	8-bit programmable
<b>LPC</b>	1 x LPC support TPM module
<b>Expansion Interface</b>	1 x PCI-Express X16, 1 x PCI-Express X1 1 x Full-Size Mini-PCIe (w/ USB, PCIe X1 signal ) 1 x Half-Size Mini-PCIe (w/ USB, PCIe X1 or SATA signal )
<b>Power Requirement</b>	DC 8V ~ 32V input
<b>Board Size</b>	170mm x 170mm
<b>Operating Temperature</b>	0°C~60°C (32°F~140°F)
<b>Storage Temperature</b>	-20°C~80°C (-4°F~176°F)
<b>Relative Humidity</b>	10%~90% (non-condensing)

Display	
<b>Chipset</b>	Integrated support Intel® HD Graphics 3000/4000
<b>Display Interface</b>	1 x HDMI 1 x DVI-D 1 x VGA 1 x 24-bit Dual-channel LVDS

I/O	
<b>Serial Port</b>	1 x RS232/422/485 & 3 x RS232
<b>USB</b>	4 x USB3.0, 6 x USB2.0
<b>Audio</b>	Line-in, Line-out, Mic-in
<b>PS/2</b>	1 x Keyboard, 1 x Mouse
<b>Video Inputs</b>	4-ch Video / Audio inputs (Optional)

Packing	
•	SATA cable
•	SATA power cable
•	I/O Shield
•	CD utility

Ordering Information	
<b>MB-8300A</b>	Intel®QM77 Mini-ITX board w/ HDMI, DVI, VGA & LVDS, 2 x GLAN, COM, USB, DC 8V~32V input, PCIe X16 slot
<b>MB-8300B</b>	Intel®QM77 Mini-ITX board w/ HDMI, DVI, VGA & LVDS, 2 x GLAN, COM, USB, DC 8V~32V input, PCIe X16 slot, 4-ch Video& Audio input
<b>MB-8300C</b>	Intel®QM77 Mini-ITX board w/ HDMI, DVI, VGA & LVDS, 2 x GLAN, COM, USB, DC 8V~32V input, PCIe X16 & PCIe X1 slots
<b>R191A</b>	TPM 1.2 module via LPC pin header
<b>RE-S01</b>	Riser card support 1 x PCIe X16 and 1 x PCI slot. (Compatible w / MB-8300C )

Optional Accessories	
49L-F00055-00	CPU cooler Fan for rPGA988B CPU, TDP 35W
46L-ICOM38-00	Dual D-Sub 9-pin COM port card, L/ 250mm, with bracket
46L-IUSB07-AA	Dual USB cable, L/ 250mm, with bracket

\* Note : All specifications are subject to change without prior notice