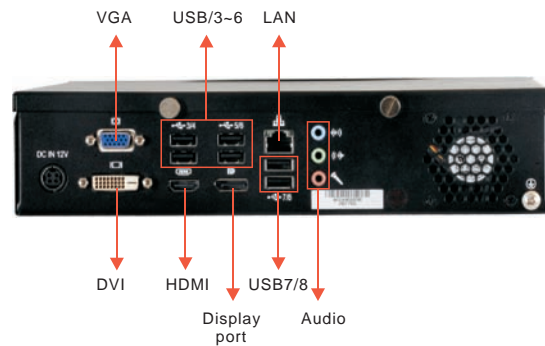


MEC-7003

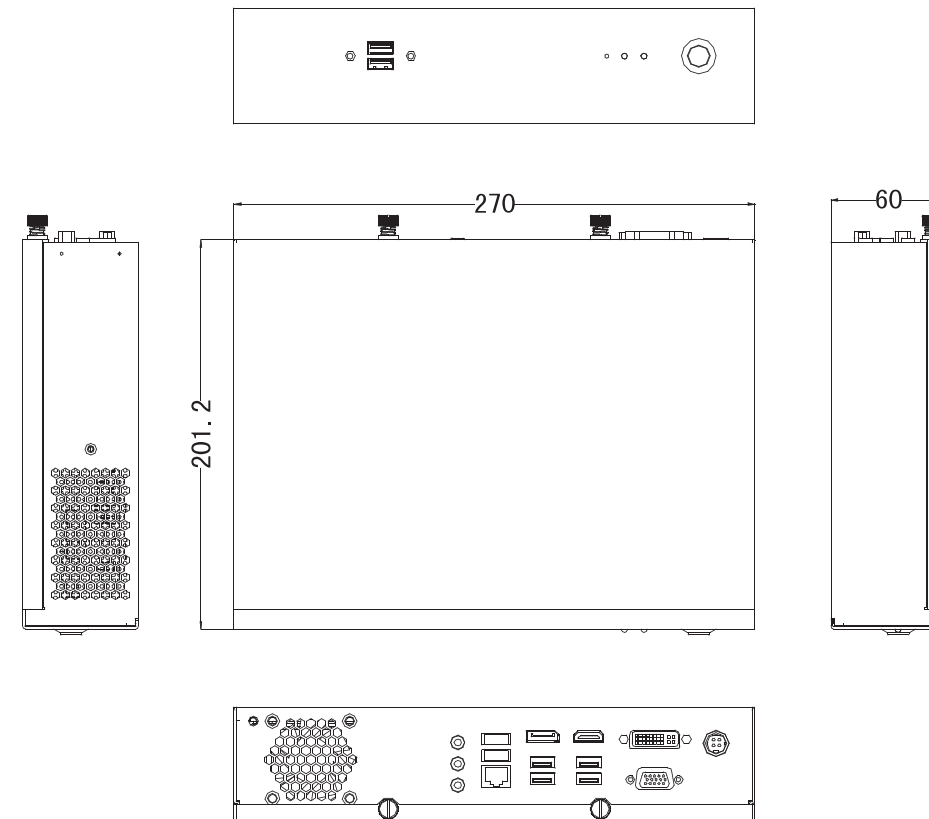
Intel® QM67 Express chipset Embedded PC

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External connector



Unit: mm



Features

- Supports the Sandy bridge Mobile SV NON-ECC CPU of Intel® rPGA989 package
- Mobile Intel® QM67 Express Chipset
- Provides two 204Pin DDR3 SODIMM memory slots, up to 16GB memory
- Support VGA+HDMI, VGA+DVI, VGA+Display port dual display
- 8 x USB 2.0, 1 x GbE, 1xMini-PCIE, 1 x Audio, 1 xHDMI, 1xVGA,1xDVI, 1xDisplay port

Specifications

System	
Processor	Supports the Sandy bridge Mobile SV NON-ECC CPU of Intel® rPGA989 package
Chipset	Mobile Intel® QM67 Express Chipset
Memory	Supports 2 x 204-pin DDR3 memory Slots, dual channel up to 16GB 1066/1333/1600MHz memory;
Expansion Interface	1 x Mini-PCIE
Storage	
IDE	N/A
Serial ATA	4 x Serial ATA
Floppy	N/A
CF	N/A
I/O Interface	
USB	8 x USB2.0
Serial Port	N/A
Parallel Port	N/A
IrDA	N/A
GPIO	N/A
Audio	HDA(Including MIC-IN/LINE-IN/LINE-OUT);

Display	
Chipset	Adopts Intel® Sandy bridge CPU internally integrated graphic controller display chip, supporting Direct X10.1
Resolution	VGA mode: up to 2048 x 1536 @75Hz DVI, HDMI mode: up to 1920 x 200 @60Hz Display port mode: up to 2560 x 200 @60Hz
Dual Display	Supports VGA+LVDS, VGA+Display Port, VGA+HDMI, VGA+DVI
Ethernet	
Chipset	Realtek RTL8111D
Speed	1 x 10/100/1000Mbps
Connector	1 x RJ45
Mechanical and Environmental	
Dimensions	60mm(H) x 270mm(L) x 201.2mm (W)
Reliability	MTBF=50000h; MTTR=0.5h
Operating Temperature	0°C~55°C
Storage Temperature	-20°C~80°C
Operating Humidity	5% ~ 90% (non-condensing);
Power	
Power Supply	DC 12V input or 120W adapter with 100 ~ 240V AC 50Hz/60Hz input
Operating System	
Windows OS	Windows XP/WIN 7
Embedded OS	Linux/XP Embedded/Window CE
Operating System	
Vibration	amplitude 5-19Hz/1.0mm; acceleration 19-200Hz/1.0g;
Shock	15g peak acceleration(11ms duration)
EMC/EMI	GB9254-2008 Class A

Optional Accessories

Part Number	Name	Description	Qty.
2100-084541	Power adapter /RoHS	120W/FSP120-AHAN1/12VDC output/4PIN	1
2192-013531	Driver DVD/English and Chinese/RoHS	MEC-7003/VER:B01	1

Order Information

Part Number	Model Number	Description
0010-035241	MEC-7003	Complete PC: Intel RPGA989 CPU i7 QS 4C 45W CPU /2G/250G/8xUSB2.0/GbE/Mini-PCle/Audio