

Front View



Rear View



Features

- Socket 988B, Socket 3rd Generation Intel® Core i3/i5/i7 up to 45W Max
- 204-pin Dual Channel DDR3 1066/1333/1600 MHz SO-DIMM x 2(Up to 8GB)
- Intel® integrated Graphics Engine supports DP, HDMI, VGA, DVI
- LAN 1 : Intel® PHY WG82579LM Giga LAN
- LAN 2 : Realtek RTL 8111E Giga LAN
- Support up to 2 of 2.5" HDD/SSD Bay
- USB 2.0 x 2, USB 3.0 x 4 (USB3.0 supported by Win7)
- COM ports x 2 (optional 5 ports)
- Mini-PCIe socket x 1, CFast™ x 1, TPM
- Mini Size 195mm(W) x 70mm(H) x 220mm(D)



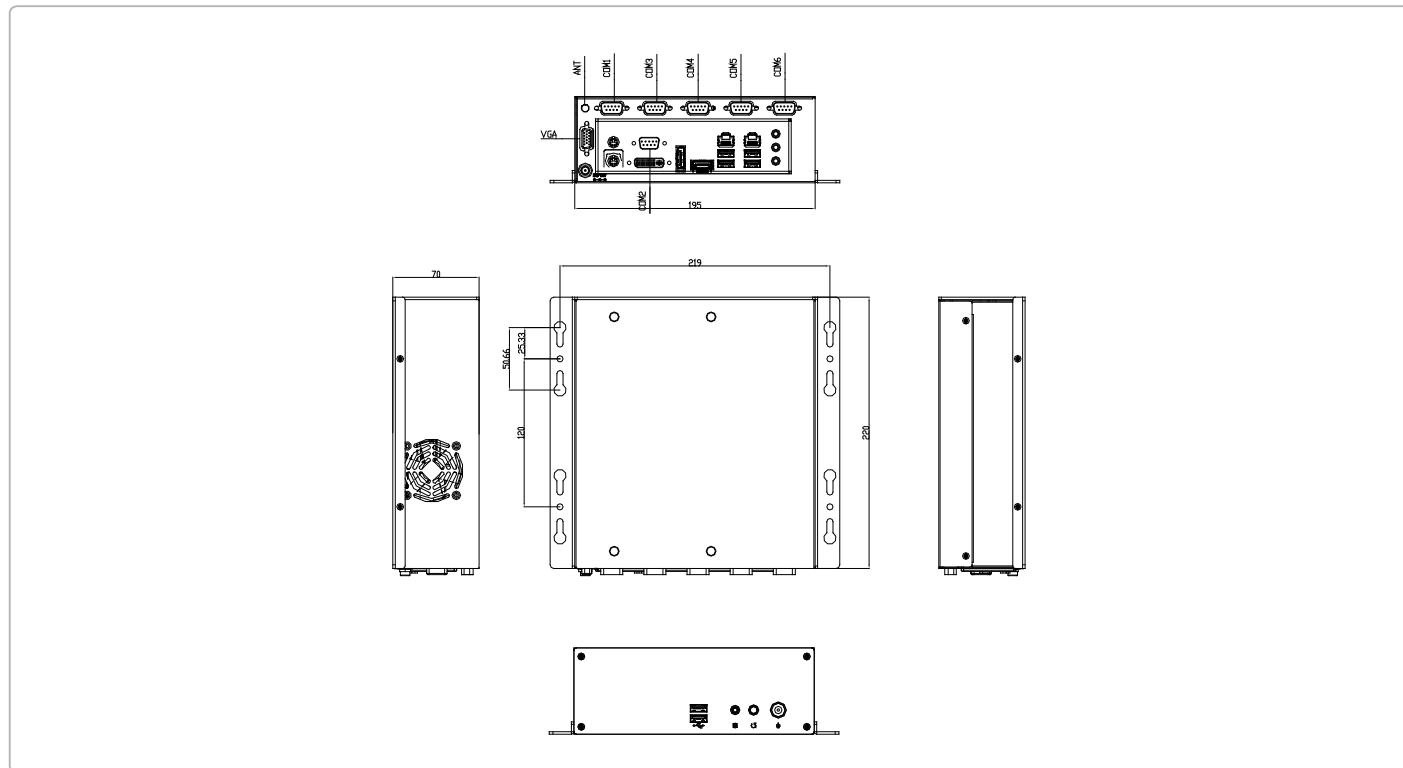
Specifications

System	
Form Factor	Mini-ITX motherboard
Main Board	EMB-QM77
CPU	Socket G2 (rPGA988B) 3rd Generation for Intel® Core™ i7 / i5 / Celeron® QC / DC processors up to 45W Max
System Memory	204-pin Dual Channel DDR3 1066/1333/1600 MHz SO-DIMM x2 (up to 16GB)
Chipset	Intel® QM77
Ethernet	LAN1: 10/100/1000Mb LANs, RJ-45 X1 LAN2: 10/100/1000Mb LANs, RJ-45 X1
BIOS	AMI BIOS 64Mbit SPI ROM
I/O Chip	ITE IT8728F+ Fintek F81216DG
Storage	2.5" HDD/SSD x 1 (optional 2nd HDD bay)
Optical ROM	N/A
LED	Two indicators for Power and HDD in front panel
Audio	HD Audio Realtek ALC 892 Codec
Expansion	Mini-PCIe socket, CF-SATA, Antenna Hole
Watchdog Timer	1~255 step by software programming
H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status
Power Supply	12V DC Power Adapter, 84W (or Optional 120W)
Weight	13.84lb (6.30kg)
Chassis Color	Dark black
Dimension (W x H x D)	195mm(W) x 70mm(H) x 220mm(D)
External I/O	
Serial Port	RS-232/422/485 supports 5/12V x 1, RS-232 (Optional for up to 5 x RS-232) x1
KB & Mouse	1 x KB & 1 x MS PS/2 Port x 1
Universal Serial Bus	2 x USB 2.0 (on front panel) x 2, 4 x USB 3.0 (on Rear I/O Connector) x 4
Audio	3 x Audio Jack (Mic-in, Line-in, Line-out) x 3
Ethernet	2 x RJ45 w/ LED x 2
Display	DVI-D x 1, HDMI x 1, DP x 1, VGA x 1
Power Switch	ATX Power Switch x 1 ; reset bottom x 1
Environmental	
Operating Temperature	32°F ~113°F (0°C ~45°C)
Storage Temperature	-4°F ~140°F (-20°C ~60°C)
Storage Humidity	10~80%, non-condensing
Certification	CE & FCC Class A
Vibration	0.5g rms/ 5~500Hz/ operation
Shock	15 G peak acceleration (11 m/sec . duration)

AIS-E2

Dimension

Unit: mm



Ordering Information

- AIS-E2-QM77-001

AIS, Intel® QM77, VGA, DVI, HDMI, DP, 2GbE, Audio, 2COM, 6USB, 84W, 12V, A1.0

Packing List

- AIS-E2 x 1
- Gift Box 9761E20000 x 1 (Including 84W Power adapter, CPU cooler)
- DVD-ROM for manual (in PDF format) and drivers x 1

Optional Accessories

- COM Port Module for COM2~COM6
- Wall Mount Bracket
- 2.5" HDD Bay Bracket