

AIS-E2-QM77

Advanced Mini-ITX System Controller with 3rd Gen Intel® Core™ i7/i5/i3 Processor

Front View



Rear View



Features

- Socket 988B, Socket 3rd Generation Intel® Core™ i7/i5/i3 Up to 45W
- 204-pin Dual-Channel DDR3 1066/1333/1600MHz SODIMM x 2, Up to 16GB
- Intel® Integrated Graphics Engine Supports DP, HDMI, VGA, DVI
- LAN 1: Intel® PHY WG82579LM Gigabit Ethernet
LAN 2: Realtek RTL 8111E Gigabit Ethernet
- Up to 2.5" HDD/SSD Bay x 2
- USB 2.0 x 2, USB 3.0 x 4 (USB3.0 Supported by Win7)
- COM x 2 (Optional 5 Ports)
- Mini PCIe Socket x 1, CFast™ x 1, TPM
- Compact Size: 195mm(W) x 70mm(H) x 220mm(D)



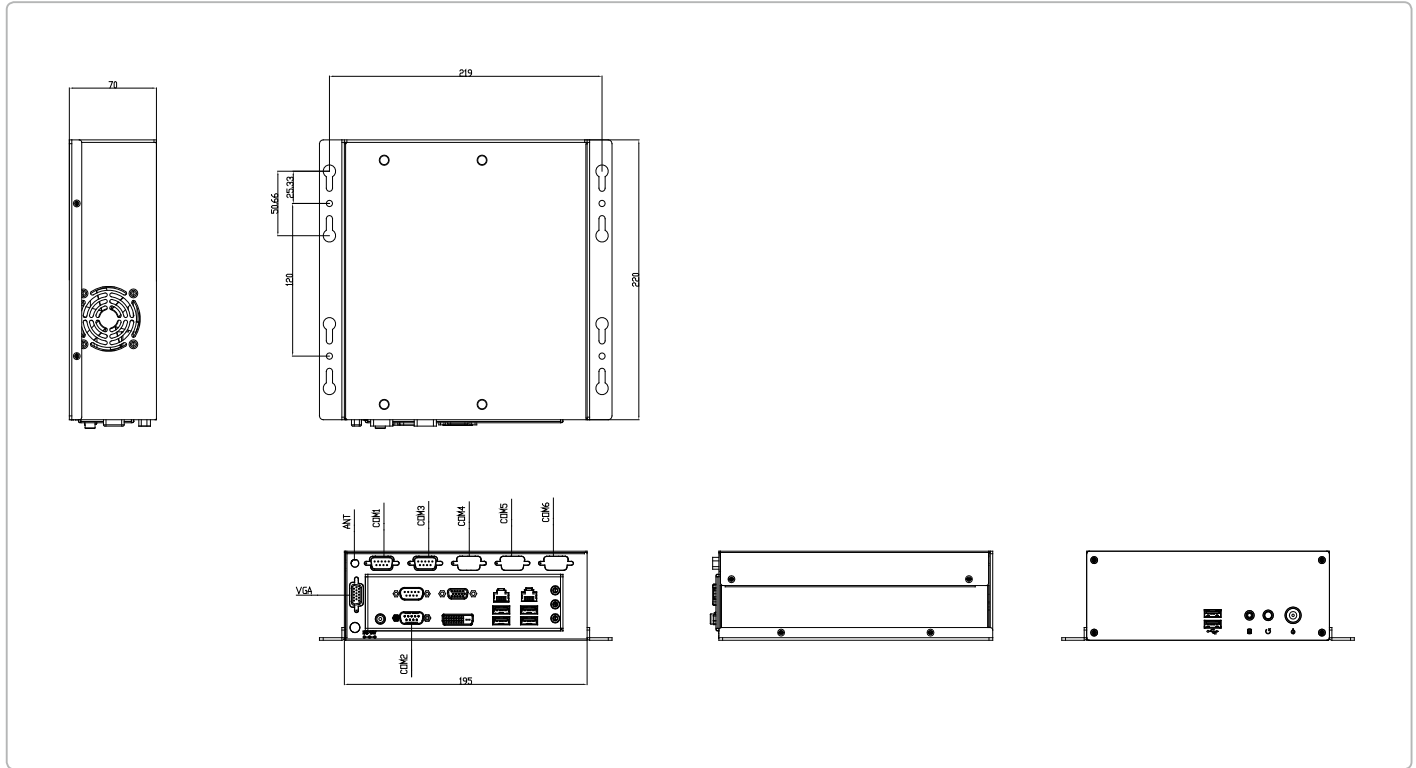
Specifications

CPU	Socket G2 (PGA988B) 3rd Generation for Intel® Core™ i7/i5/Celeron® QC / DC processors, up to 45W	
Chipset	Intel® QM77	
System Memory	204-pin Dual-Channel DDR3 1066/1333/1600MHz SODIMM x 2, up to 16GB	
Display Interface	VGA	VGA x 1
	DVI	DVI-D x 1
	Others	HDMI x 1, DP x 1
Storage Device	SSD	CFast™ x 1
	HDD	2.5" SATA HDD Bay x 2
Network	LAN	Gigabit Ethernet
	Wireless	Optional by Mini Card
Front I/O	USB Host	USB2.0 x 2
	LAN	—
	Serial Port	—
	DIO	—
	Audio	—
Rear I/O	USB Host	USB3.0 x 4
	LAN	RJ-45 x 2
	Serial Port	RS-232/422/485 x 1; RS-232 x 1
	DIO	Optional COM Module for COM2~COM6 (RS-232)
	Audio	Mic-in, Lin-in, Line-out
	KB/MS	KB/MS x 2
	Others	Power input x 1
Expansion	PCIe	—
	PCI	—
	Mini Card	Mini Card x 1
	Mini PCI	—
Indicator	Front	PWR, HDD
	Rear	—
Power Requirement	12V DC-in	
Power Consumption	Intel® Core™ i7-3610QE, DDR3 16GB, 5.2A@12V	
System Cooling	CPU cooler x 1 System Cooler x 1	
Mounting	Wallmount (optional)	
Operating temperature	32°F ~ 113°F (0°C ~ 45°C)	
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	
Anti-Vibration	0.5g rms/ 5 ~ 500Hz/ operation – HDD type	
Anti-Shock	15 G peak acceleration (11 msec. duration)	
MTBF (Hours)	60,000	
Certification	EMC	CE/ FCC class A
	Safety	—
Dimension (W x H x D)	7.68" x 2.76" x 8.66" (195mm x 70mm x 220mm)	
Gross Weight	11.01 lb (5 Kg)	

AIS-E2-QM77

Dimension

Unit: mm



Ordering Information

Part Number	Chipset	RAM	Cooler	Storage	Display	LAN	USB	RS-232	RS-232/422/485	KB/MS	Audio	DIO	Expansion Slot	Mounting	Power
AIS-E2-QM77-001	Intel® QM77	SODIMM	Fan	2.5" HDD Bay x 2	VGA, DVI-D, HDMI, DP	GbE x 2	USB 2.0 x 2 USB 3.0 x 4	1	1	Yes	Mic-in, Line-in, Line-out	—	Mini-PCI-Ex 1 CF-SATA x 1	Desktop	DC

Packing List

- 9761E20000
Gift Box (84W Power Adapter, CPU Cooler)
- Product DVD
- AIS-E2-QM77

Optional Accessories

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