

ARK-6620-8M01

**Compact Intel® Core™ i7/ i5/ i3
Mini-ITX System with Front
Accessible I/O**



Features

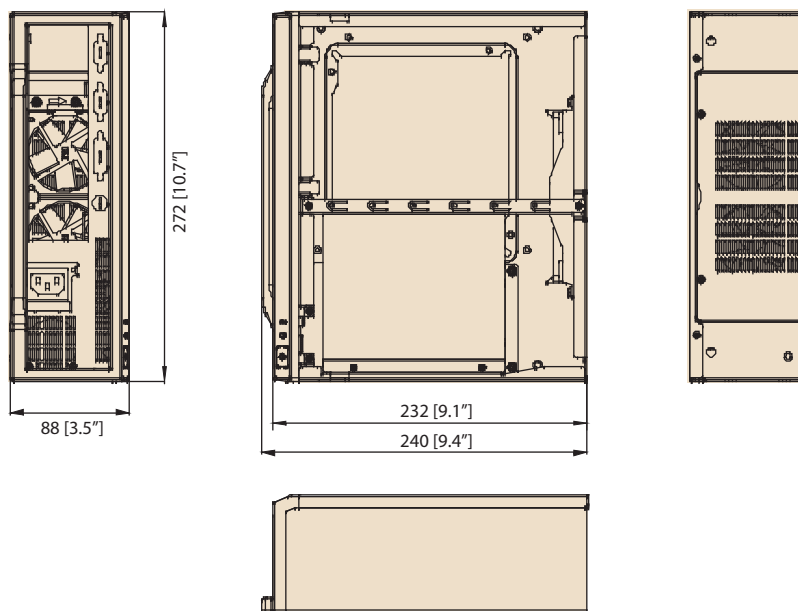
- Intel® QM77 platform
 - Supports Intel® Core™ i7/ i5/ i3 mobile processor (PGA)
 - Support dual display of 2 DP, HDMI
- Expandability
 - Supports one PCIe x16 (Gen3) and mini PCIe
- Compact & Innovative new design
 - Front accessible I/O and supports additional interface with extra cutouts
 - Ruggedized handle for easy maintenance and enhanced mobility
 - Shock-resistant 3.5 drive bay
 - Easy-to-maintain system fan and reusable filter design
 - Power cord hook to keep PSU power cord in place

Specifications

Form Factor		Wallmount			
Computing System	Chipset	Intel QM77			
	CPU	Core i7-2710QE	Core i5-2510E	Core i3-2330E	CeleronB810
	L3 Cache	2.1 GHz	2.5 GHz	2.2 GHz	1.6 GHz
	Core Number	6 MB	3 MB	3 MB	2 MB
	Memory	4	2	2	2
Graphics	Memory	Dual channel DDR3 1333/1600 SDRAM up to 8 GB			
	Embedded	Integrated Gfx Gen7, supports Direct X11, OpenGL 3.1 and Open CL 1.1			
Expansion Slot	VRAM	Shared system memory, 2 GB and above, total system memory shared 1 GB maximum video memory			
	PCIe x16	-			
	PCIe x1	-			
Drive Bay	PCI	-			
	5.25" (Front-Accessible)	-			
	3.5" (Front-Accessible)	-			
Ethernet	3.5" (Internal)	1			
	Interface	10/100/1000 Base-T			
	Controller	LAN1: Intel 82579LM, LAN1: Intel 82583V			
Front I/O Ports	USB	4			
	PS/2	2			
	COM	1 + 2 (available thru extra cutouts)			
	VGA	1 VGA + 1 HDMI + 2 DP			
	Parallel	-			
	RJ-45	1			
	Audio	3 (Mic-in, Line-In, Line-Out)			
Power Supply	Power Output Wattage	180 W			
	Input Range	AC 100 ~ 240 V			
Cooling	Chassis Fan	2 (6cm/ 27.7 CFM)			
	Air Filter	Yes			
Miscellaneous	Overheating Protection	System shut-down when over-heated			
	LED Indicators	Power, HDD, temperature			
	Control	Power on/off switch			
Environment		Operating		Non-Operating	
	Temperature	0 ~ 40° C (32 ~ 104° F)		-20 ~ 60° C (-4 ~ 104° F)	
	Humidity	10 ~ 85% @ 40° C, non-condensing		10 ~ 95% @ 40° C, non-condensing	
Physical Characteristics	Dimension (W x H x D)	272 x 88 x 232 mm (10.7" x 3.5" x 9.1")			
	Weight	5.76 a (15.47 lb)			

Dimensions

Unit: mm [inch]



Ordering Information

Please visit Advantech eStore for order entry.
<http://buy.advantech.com/>

System Contents

Item	Part Number
Chassis	ARK-6620-18ZBE
Motherboard	AIMB-273G2-00A1E

Front View



Inside View

