ARK-6620-6M01S

Compact Intel® Core™ 2 Duo Mini-ITX System with Front Accessible I/O

NEW

Features

- **Intel® 945GM Platform**
  - Supports Intel® Core™ 2 Duo processor up to 2.16 GHz
  - Supports DDR2 SDRAM up to 2 GB
- **Compact & Innovative New Design**
  - Front accessible I/O and supports additional interface with extra cutouts
  - Ruggedized handle for easy maintenance and enhanced mobility
  - Shock-resistent 3.5" drive bay
  - Easy-to-maintain system fan and reusable filter design
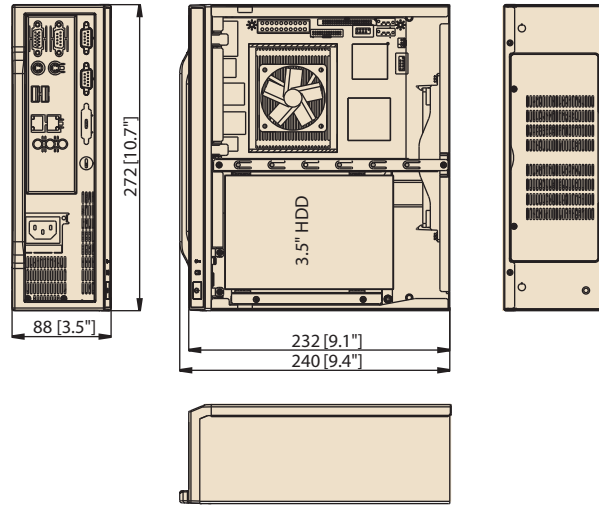 - Power cord hook to keep PSU power cord in place

FCC CE UL CCC RoHS COMPLIANT 2002/95/EC

Specifications

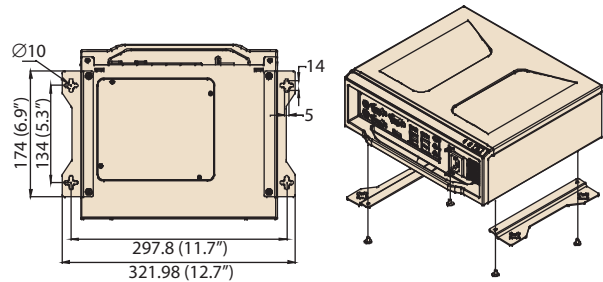|		Operating	Non-Operating
Form Factor		Wallmount	
Computing System	Chipset	Intel 945GM + ICH7M	
	CPU	Supports Intel Core 2 Duo processor up to 2.16 GHz	
	Front Side Bus	533/667 MHz	
	L2 Cache	2 / 4 MB	
	Memory	DDR2 533/667 MHz SDRAM up to 2 GB	
Graphics	Controller	Intel 945GM Integrated	
	VRAM	Dynamically shared system memory up to 224 MB	
Storage	Optical Drive (support)	-	
	Floppy Disk (support)	-	
	HDD (support)	SATA	
Drive Bay	5.25" (front-accessible)		
	3.5" (internal)	1	
Ethernet	Interface	10/100/1000Base-T Gigabit Ethernet	
	Controller	Intel 82573L x 2	
Front I/O Ports	USB	2	
	PS/2	2	
	COM	1 + 2 (available thru extra cutouts)	
	Parallel	1	
	RJ-45	2	
	Audio	3 (Mic-in, Line-in, Line-out)	
	VGA	1	
	Reserved Cutouts	1 x DVI/LVDS, 1 x S/C-Video, 1 x WLAN Antenna	
Operating System		Microsoft Windows XP	
Watchdog Timer	Output	Interrupt, System Reset	
	Interval	Programmable 1 ~ 255 sec	
Power Supply	Power Output Wattage	180 W	
	Type	AC 100 ~ 240 V	
Cooling	Chassis Fan	2 (27.72 CFM each)	
	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 ~ 140° F)
	Humidity	10 ~ 85% @ 40° C non-condensing	10 ~ 95% @ 40° C non-condensing
Physical Characteristics	Dimensions (W x H x D)	272 x 88 x 232 mm (10.7" x 3.5" x 9.1")	
	Weight	3.5 kg (7.7 lb)	

Dimensions

Unit: mm (inch)

Installation

Unit: mm (inch)

Ordering Information

Please visit Advantech CTOS portal for order entry.

http://www.advantech.com/ctos

System Content

Item	Part Number
Chassis	ARK-6620-18ZE
Motherboard	AIMB-253L-00A1E

Power Cord Options

Part Number	Descriptions
1702002600	Power cord 125V/10A 1.8m, USA
1702002605	Power cord 250V/6A 1.8m, Europe
1702031801	Power cord 250V/5A 1.8m, UK
1702002605	Power cord 125V/12A 1.8m, Japan

Various cutouts:
2 x COM,
1 x DVI/LVDS,
1 x S/C-video

Standard motherboard I/O shield

System switch
HDD LED
Temp. LED
1U 180 W power supply with power cord hook

A solid handle for convenient use

System fan with filter

System vents

Two system fans with one reusable filter

Shockproof disk drive housing for one 3.5" HDD

AC 180 W PSU