ARK-6610

Pentium 4/Pentium M Grade Mini-ITX Chassis with One Expansion Slot & One Slim Optical Drive Option

NEW

Features

- Front I/O interfaces with one expansion slot, ideal building block for embedded equipments
- Extra five COM, two DVI/LVDS, one S/C-video, two USB and one WLAN antenna cutouts
- One shock-resistant disk drive bay for one slim CD/DVD-ROM and one 3.5" hard disk
- Bottom cover design to access CF or mini-PCI on the solder side of motherboard
- Built-in 180 W AC ATX RFC power supply with unique power cord hook
- Easy-to-maintain system fan and reusable filter design
- LED indicators for system fault detection
- Power cord hook

RoHS COMPLIANT 2002/95/EC CE

Specifications

		Front-accessible	Internal
Disk Drive Bay	Slim optical drive	1	-
	3.5"	-	1
I/O Interface	Button I/O Access	Yes	
	Extra Cutout	5 x COM, 2 x DVI/LVDS, 1 x S/C-video, 2 x USB, 1 x WLAN antenna	
Cooling	Fan	1 (52.5 CFM, W x H x D: 92 x 92 x 25.4 mm)	
	Air Filter	Yes	
Miscellaneous	LED Indicators	Power, HDD, Temp.	
	Control	Power On/Off switch	
		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
Environment	Vibration (5 ~ 500 Hz)	1 Grms	2 Grms
	Acoustic Noise	Less than 46 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	250 x 156 x 250 mm (9.9" x 6.2" x 9.9")	
	Weight	4.76 kg (10.47 lb)	

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-Load	Safety	MTBF
1757000878	180 W	AC 100 ~ 240 V	+5 V @ 16 A, +3.3 V @ 14 A, +12 V @ 14 A, -12 V @0.5 A, +5 Vsb @ 2 A	+5 V @ 0.3 A, +3.3 V @ 0.3 A, +12 V @ 1.5 A	UL/TUV/CE/CCC/CB	100,000 hours @ 25° C

Dimensions
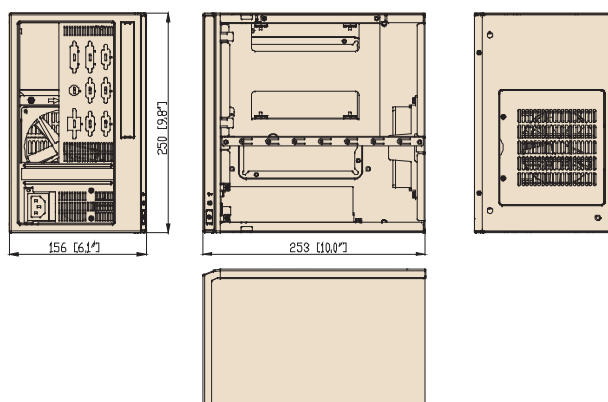
Unit: mm (inch)

Installation
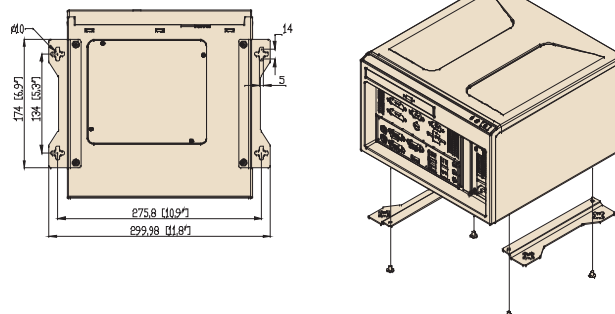
Unit: mm (inch)

Chassis Ordering Information

Part Number	Power Supply	Motherboard	Regulation
ARK-6610-18ZE	AC 180W	-	CE, FCC

System Ordering Information

Please visit Advantech CTOS portal for order entry.

http://www.advantech.com/ctos

System Content

System Model Name	Chassis	Motherboard	Regulation
ARK-6610-2M01E	ARK-6610-18ZE	AIMB-240F-00A1E	CE, FCC, UL, CCC

Accessories

Part Number	Descriptions
1700003434	TV-out cable
1700003435	DVI cable
1700004577	75 cm two-USB cable
1750002561	52.5 CFM, 92 x 92 x 25.4 mm system cooling fan

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

Mini-ITX motherboard

Power switch
HDD LED
Temp. LED

One expansion slot

1U 180 W power supply with power cord hook

Shockproof disk drive housing for one 3.5" HDD and one slim-type optical drive

System fan with filter

AC 180 W PSU

System fan with filter

System vents