Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

ARK-6610/6620

Compact Chassis for Mini-ITX Motherboard

ARK-6610

ARK-6620

CE FCC

Features

- ARK-6610 with one front I/O expansion slot
- Various cut-outs for COM/DVI/LVDS,USB,S/C-video
- Shockproof drive bay for slim ODD and 3.5" HDD
- Bottom door to access CF card or Mini-PCIe card
- Supports 180W Flex ATX power supply

Specifications

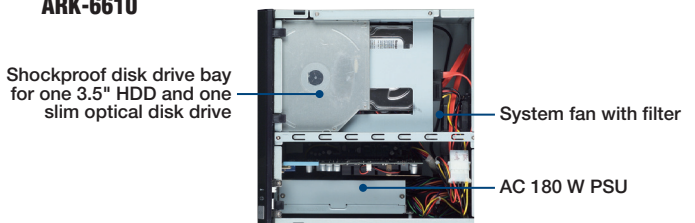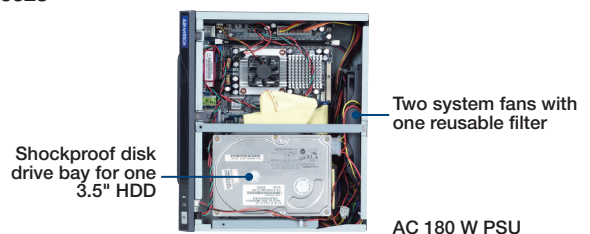|		ARK-6610	ARK-6620
Disk Drive Bay	Slim Optical Drive	1	-
	3.5" (internal)	1	1
I/O Interface	COM	5	2
	USB	2	-
	DVI/LVDS	2	1
	S/C-Video	1	1
	WLAN Antenna	1	1
Cooling	Fan	1 (9 cm / 52.5 CFM)	2 (6 cm / 27.7 CFM, each)
	Air Filter	Yes	Yes
Miscellaneous	LED Indicators	Power, HDD, temperature	Power, HDD, temperature
	Control	Power switch	Power 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
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11ms duration, half sine wave)	
Physical Characteristics	Dimensions (W x H x D)	250 x 156 x 253 mm (9.8" x 6.1" x 10")	272 x 88 x 232 mm (10.7" x 3.5" x 9.1")
	Weight	4.76 kg (10.47 lb)	3.49 kg (7.68 lb)

Front View

ARK-6610

Various cutouts

Standard motherboard I/O shield

Power switch
HDD LED
Temp. LED
Expansion slot
1U 180 W power supply with power cord hook

ARK-6620

Various cutouts
Standard motherboard I/O shield

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

A solid handle for convenient use

Inside View

ARK-6610

Shockproof disk drive bay for one 3.5" HDD and one slim optical disk drive

System fan with filter

AC 180 W PSU

ARK-6620

Two system fans with one reusable filter

Shockproof disk drive bay for one 3.5" HDD

AC 180 W PSU

Dimensions

Unit: mm [inch]

ARK-6610

250 [9.8"]

156 [6.1"] 253 [10.0"]

ARK-6620

272 [10.7"]

88 [3.5"] 232 [9.1"] 240 [9.4"]

Installation

ARK-6610

Ø10 14 5

174 [6.9"] 134 [5.3"]

275.8 [10.9"]
299.98 [11.8"]

ARK-6620

Ø10 14 5

174 [6.9"] 134 [5.3"]

297.8 [11.7"]
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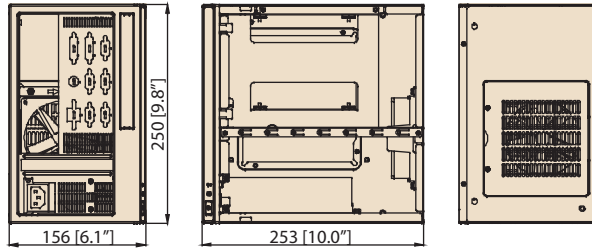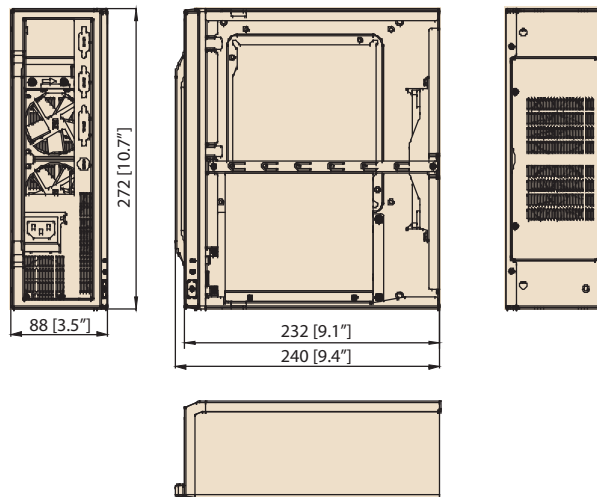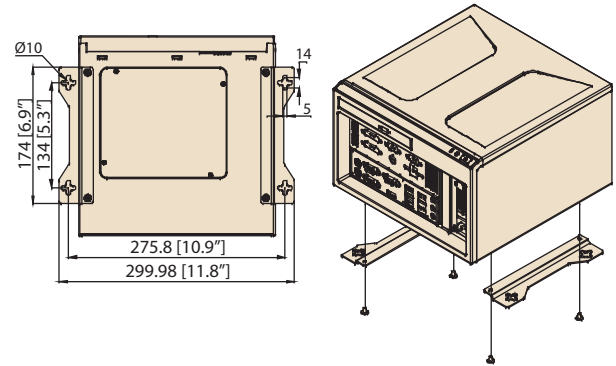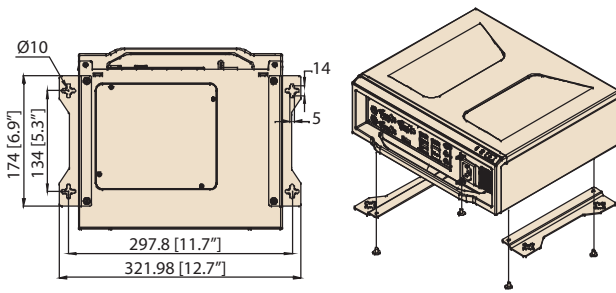
Chassis Ordering Information

Part Number	Power Supply	Power supply Wattage	Support Mini ITX MB type
AC power Mini ITX motherboard			
ARK-6610-18ZBE	96PS-A180WFX	180W	AC power Mini ITX MB
ARK-6620-18ZBE	96PS-A180WFX	180W	AC power Mini ITX MB
DC Power Mini ITX motherboard (AIMB-201DS / 212 / 213 / 214 / 215 / 223 / 224 / 225 / 230)			
ARK-6610-00XBE	-	-	DC power Mini ITX MB

* For ARK-6620 chassis, the only optional cooler for Intel Corei CPU is 1960053065N001, 1U blower. and TDP Max.84W.

Optional Accessories

Part Number	Description
1960053065N001	1U blower for LGA1155/1150/1151
1750002561	52.5 CFM, 92 x 92 x 25.4 mm system cooling fan (For ARK-6610)
1750006419	27.7 CFM, system cooling fan 60 x 60 x 13 mm (For ARK-6620)
1960014495N001	PSU cover for DC Motherboard configuration