

Embedded Chassis Series



Model Name	EBC-3680	EBC-3220	EBC-3200	EBC-3100	EBC-3000	EBC-2102	EBC-2101	EBC-2100
Platform	Case Only	Case Only	Case Only	Case Only	Case Only	Case Only	Case Only	Case Only
Chassis	Color	Cool Gray	Black	Black	Black	Black	Cool Gray	Cool Gray
	Dimensions (WxDxH) (mm)	200 x 337 x 272	190 x 180 x 55	260 x 180 x 55	260 x 250 x 156	280 x 230 x 88	262 x 134 x 56	262 x 134 x 56
	System Fan	1 x 12cm	1 x 4 cm	2 x 4cm	1 x 8cm	1 x 6cm	*1 x 4cm	*1 x 4cm
	Chassis Construction	Aluminum	Heavy duty metal	Heavy duty metal	Heavy duty metal with plastic front panel	Heavy duty metal with plastic front panel	Aluminum alloys with heavy duty metal	Aluminum alloys with heavy duty metal
Motherboard	Motherboard Model	KINO-AQ870 KINO-AQ670 KINO-AH611 KINO-AH612 KINO-G410 KINO-CVR-D27002 KINO-PV-D4253/ D5253	KINO-DQM871 KINO-QM770 KINO-CV/D25501/ N26001 KINO-QM670 KINO-HM551 KINO-PVN-D4251/ D5251 KINO-PV-D4252/ D5252	KINO-DQM871 KINO-QM770 KINO-CV/D25501/ N26001 KINO-QM670 KINO-HM551 KINO-PVN-D4251/ D5251 KINO-PV-D4252/ D5252	KINO-AQ870 KINO-AQ670 KINO-AH611 KINO-AH612 KINO-G410 KINO-CVR-D27002 KINO-PV-D4253/ D5253	KINO-AQ870 KINO-AQ670 KINO-AH611 KINO-AH612 KINO-G410 KINO-CVR-D27002 KINO-PV-D4253/ D5253	NANO-PV-D5251 NANO-PV-D4251 NANO-PV-N4551	NANO-945GSE
	M/B Size	Mini-ITX (170 x 170mm)	Mini-ITX (170 x 170 mm)	Mini-ITX (170 x 170mm)	Mini-ITX (170 x 170mm)	Mini-ITX (170 x 170mm)	EPIC (165 x 115mm)	EPIC (165 x 115mm)
Storage	Hard Drive	4 x 3.5" SATA HDD space	1 x 2.5" SATA HDD bay	2 x 2.5" SATA HDD space	1 x 3.5" SATA HDD space	1 x 3.5" SATA HDD space	1 x 2.5" SATA HDD space	1 x 2.5" SATA HDD space
	CF Card/CFast	N/A	N/A	refer to optional module	refer to SBC	refer to SBC	1	1
	SD Card	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	N/A	N/A
System Function	PS2 (KB/MS)	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	1	N/A
	USB 3.0	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	N/A	N/A
	USB 2.0	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	6	2
	Ethernet	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	2	2
	RS-232	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	4	1 + *2
	RS-232/422/485	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	N/A	N/A
	LPT	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	1	N/A
	Display	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	1 x VGA	1 x VGA
	Resolution	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	N/A
	Audio	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	3 x Audio jack	1 x AC-KIT08-R10
	Wireless	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	1 x 802.11b/g/n	*1 x 802.11b/g/n
	Video Capturing	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	N/A	N/A
Power	Mini-PCIe/PCI	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC	refer to SBC
	Expansions	*1 x low profile expansion slot	N/A	*1 x low profile expansion slot	1 x full high expansion slot	N/A	1 x PCI-104	1 x PCI-104
	Power Input	90~264V AC	12V DC	12V DC in	90~264V AC	90~264V AC	12V DC in	12V DC in
	Power Supply	ACE-A130B	12V DC	12V DC in	ACE-A618A 180W ACE-A627A 270W	ACE-A618A 180W ACE-A627A 270W	12 V DC in, AT mode only, w/60W power adapter	12 V DC in, AT mode only, w/60W power adapter
Reliability	Mounting	N/A	VESA 100, wall mount	Desktop, wall mount	Desktop, wall mount	Desktop, wall mount	Desktop, wall mount	Desktop, wall mount
	Operating Temperature	0°C ~ 50°C	-10°C~50°C	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
	Operating Shock	Half-sine wave 3G, 11ms 3 shocks per axis						
	Operating Vibration	MIL-STD-810F 514.5C-1						
	Weight (Net/ Gross)	1 kg/3 kg	1 kg/2 kg	1.1 kg/2 kg	2.5 kg/3.9 kg	2.5 kg/3.9 kg	1 kg/3 kg	1 kg/3 kg

* Optional items

** Systems with hard drive meet MIL-STD-810F 514.5C-1 specifications. SSD/CF systems meet MIL-STD-810F 514.5C-2 specifications.