

ECK-3688G

KINO Series MINI-ITX Embedded System



Features

- ◆ RoHS compliant design
- ◆ Embedded system with IEI KINO series MINI-ITX form factor MB
- ◆ Models with Intel® Pentium® M, VIA® LUKE, and AMD® LX processor are available
- ◆ 1 x 6cm ball bearing fan
- ◆ Supports 1x 2.5" HDD
- ◆ Optional slim type CD-ROM

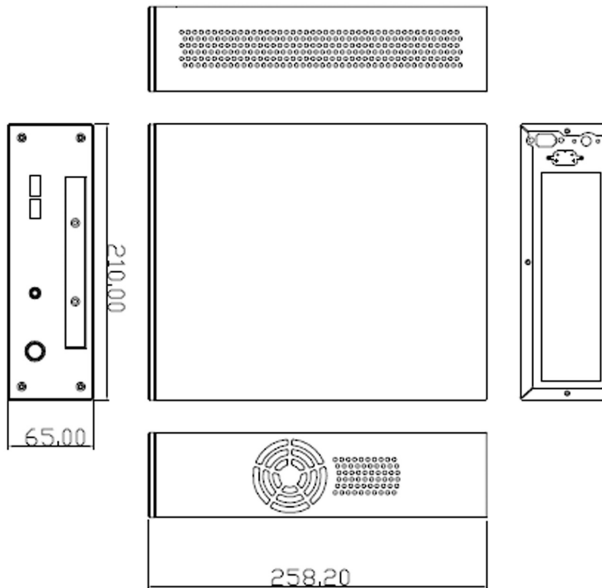


Specifications

Model No.	ECK-3688GA	ECK-3688GB	ECK-3688GDX	ECK-3688GDS
Mainboard	KINO-LX	KINO-LUKE-1G	KINO-6612	KINO-6612
CPU	AMD® Geode LX800 500MHz	VIA® LUKE 1GHz	Intel® Celeron® M 1.5GHz	Socket 479 Intel® Pentium® M/ Celeron® M CPU upto 2GHz
System Chipset	AMD® CS5536	VIA® VT8237R+	SiS® 661CX + SiS® 964	SiS® 661CX + SiS® 964
System Memory	1 x 184-pin DDR 333/400MHz SO-DIMM SDRAM socket up to 1GB	1 x 184-pin DDR 333/400MHz SO-DIMM SDRAM socket up to 1GB	2 x 184-pin DDR SO-DIMM 400/333MHz SDRAM up to 1GB	2 x 184-pin DDR SO-DIMM 400/333MHz SDRAM up to 1GB
Ethernet	Dual 10/100 Base-T	Dual 10/100/1000 Base-T	Dual 10/100/1000 Base-T	Dual 10/100/1000 Base-T
Display	CRT integrated in AMD® Geode LX800	CRT integrated in VIA® LUKE 1GHz	CRT integrated in SiS® 661CX	CRT integrated in SiS® 661CX
USB	4 x USB 2.0 at rear	2x at front and 4x at rear, USB 2.0	2x at front and 4x at rear, USB 2.0	2x at front and 4x at rear, USB 2.0
VGA / Keyboard / Mouse	1 x DB-15 VGA Connector, 2 x PS/2 for keyboard & mouse			
Audio	AC' 97 Line-in / Line-out	AC' 97 Line-in / Line-out	AC' 97 Line-in / Line-out	AC' 97 Line-in / Line-out
Serial Port	1 x RS-232			
Storage	optional 2.5" HDD+Slim CD-ROM module			
Chassis Construction	Front bezel: acrylic Chassis: heavy duty metal			
System Cooling	1 x 6010 ball bearing system fan			
Power Supply	Internal DC-to-DC power converter, input voltage: 12VDC External power adaptor, input voltage: 100VAC ~ 240VAC@50~60Hz, 80W			
Operating Shock	3G acceleration peak to peak(11ms)			
Operation Vibration	MIL-STD-810F 514.5C-1			
Operation Temperature	0~50°C			
Operation Humidity	10% ~ 90%			
Color	Acrylic front bezel: blue, Metal body: black			
Weight (Net/Gross)	2.5kg / 3.9kg			
Dimensions (DxWxH)	258mm x 210mm x 65 mm			
EMC	meet CE, FCC Class A			

Dimensions

Measurement unit: mm



Optional Items



5.25" slim CD-ROM



2.5" hard drive

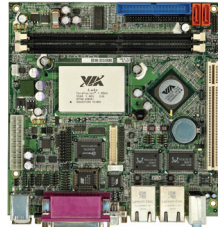
Packing List

1 x QIG	1 x 40pin IDE cable
1 x driver CD	1 x (20+4)pin power cable
1 x optical drive converter module	1 x screw set
1 x SATA cable	1 x power adaptor
1 x 44pin IDE cable	1 x power cord

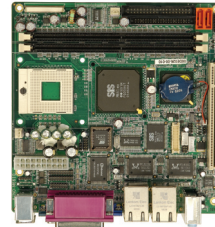
KINO boards used in ECK-3688G



KINO-LX



KINO-LUKE



KINO-6612

Ordering Information

ECK-3688GA	MINI-ITX embedded system with KINO-LX, AMD® Geode LX-800 500MHz CPU, with 12V 80W power adaptor, RoHS
ECK-3688GB	MINI-ITX embedded system with KINO-LUKE, VIA® LUKE 1GHz CPU, with 12V 80W power adaptor, RoHS
ECK-3688GDY	MINI-ITX embedded system with KINO-6612, Intel® Celeron® M 1.5GHz CPU, with 12V 80W power adaptor, RoHS
ECK-3688GDS	MINI-ITX embedded system with KINO-6612, Intel® Socket 479 Intel® Pentium® M/ Celeron® M FSB 533MHz, with 12V 80W power adaptor, RoHS

Optional Items

Item	part No.	Description
Slim CD-ROM	73100-SR244W1B-RS	Slim type 24x CD-ROM, IDE, black, RoHS
40GB 2.5" IDE HDD	72200-MHV2040AT-RS	Fujitsu 2.5" HDD, ULTRA DMA, 40GB, 4200RPM, RoHS
40GB 2.5" SATA HDD	72000-HTS541040G9SA00-RS	HITACHI 2.5" SATA 150 HDD, 40GB, 5400RPN, RoHS