

# ECK-3699G

KINO Series MINI-ITX Pentium® 4/  
Pentium® D Embedded System



## Features

- ◆ RoHS compliant design
- ◆ Embedded system with IEI KINO series MINI-ITX form factor MB
- ◆ Intel® Pentium® 4 / Pentium® D processor inside
- ◆ 2 x 6cm ball bearing system fan
- ◆ Supports 1x 2.5" HDD
- ◆ Optional slim type CD-ROM

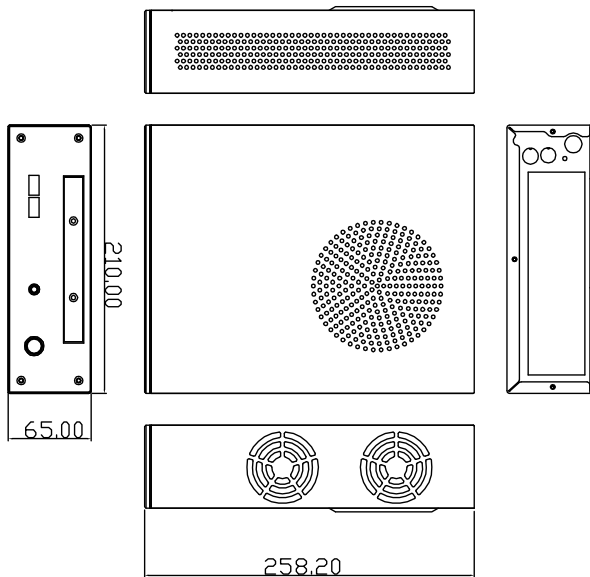


## Specifications

Model No.	ECK-3699GE	ECK-3699GF	ECK-3699GH
◆ Mainboard	KINO-9454	KINO-9452	KINO-6614
◆ CPU	LGA 775 Intel® Pentium 4/ Pentium® D with 533/800/1066MHZ FSB	Socket 479 Intel® Core Duo/Solo with 667MHz FSB	LGA 775 Intel® Pentium® 4/ Celeron® D with 533/800Mbz FSB
◆ System Chipset	Intel® 945G+ICH7	Intel® 945GM+ICH7M	SiS661CX + SiS966
◆ System Memory	2x 240pin dual channel DDRII 400/533/667 MHz DIMM socket support up to 4GB	2x 240pin dual channel DDRII 400/533/667 MHz DIMM socket support up to 2GB	2 x 184pin DDR 400/333MHz up to 2GB
◆ Ethernet	Dual Broadcom BCM5787 PCI-e GbE	Dual Broadcom BCM5787 PCI-e GbE	Dual Broadcom BCM5787 PCI-e GbE
◆ Display	Analog CRT integrated in Intel® 945G	Integrated in Intel® 945GM support composite, S-Video, RCA, HDTV-out and CRT	CRT integrated in SiS661CX
◆ USB	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	1 x DB-15 VGA connector 1x 4pin S-video connector 2 x PS/2 for keyboard & mouse	1 x DB-15 VGA connector 2 x PS/2 for keyboard & mouse
◆ Audio	Line-in/ Line-out	Mic-in / Line-in / 7.1 channel Line-out	Line-in/ Line-out
◆ Serial Port	3 x RS-232	1 x RS-232	1 x RS-232
◆ Storage	2.5" HDD (Optional)	optional 2.5" HDD+Slim CD-ROM module	2.5" HDD (Optional)
◆ Chassis Construction	Front bezel: acrylic Chassis: heavy duty metal		
◆ System Cooling	2 x 6010 ball bearing fan		
◆ Power Supply	Internal DC-to-DC power converter, input voltage: 19VDC External power adaptor, input voltage: 100VAC ~ 240VAC@50~60Hz, 150W		
◆ Operating Shock	3G acceleration peak to peak(11ms)		
◆ Operation Vibration	MIL-STD-810F 514.5C-1		
◆ Operation Temperature	0~45°C		
◆ Operation Humidity	10% ~ 90%		
◆ Color	Acrylic front bezel: transparent , Metel body: sliver grey		
◆ Weight(Net/Gross)	2.8kg / 4.2kg		
◆ Dimensions(DxWxH)	258mm x 210mm x 65mm		
◆ EMC	meet CE, FCC Class A		

## Dimensions

Measurement unit: mm



## Optional Items



5.25" slim CD-ROM

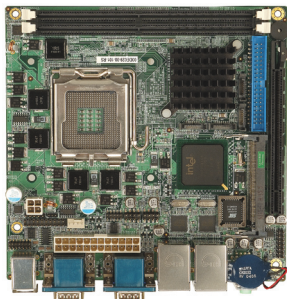


2.5" hard drive

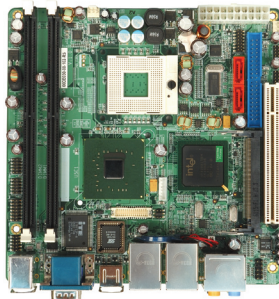
## Packing List

1 x QIG	1 x (20+4)pin power cable
1 x driver CD	1 x power cord
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 CPU cooler
1 x 40pin IDE cable	1 x manual CD

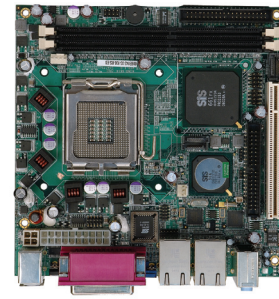
## KINO boards used in ECK-3699G



**KINO-9454**



**KINO-9452**



**KINO-6614**

## Ordering Information

Part No.	Description
ECK-3699GE	Embedded system with KINO-9454, LGA 775 for Intel® Pentium 4/Pentium® D support to 533/800 MHZ or 1066 MHZ , 2 x 6010 system fan, 19VDC input, RoHS
ECK-3699GF	Embedded system with KINO-9452, socket 479 Intel® Core Duo/Solo with 667Mhz FSB, 2 x 6010 system fan, 19VDC input , RoHS
ECK-3699GH	Embedded system with KINO-6614, LGA 775 Intel® Pentium® 4/Celeron® D support up to 800Mhz FSB, 2 x 6010 system fan, 19VDC input , 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