

# ECK-3688G

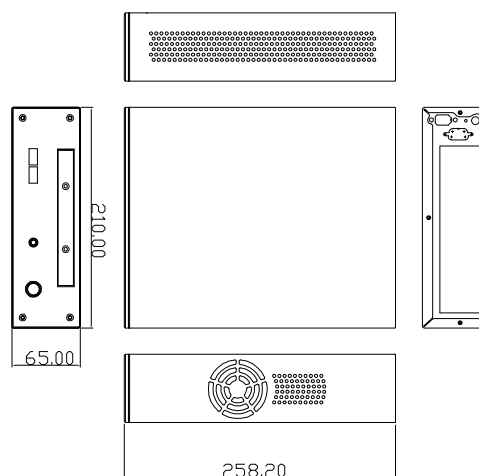
## KINO Series MINI-ITX Embedded System



### Features

- ◆ Embedded system with IEI KINO series MINI-ITX form factor MB
- ◆ One 6 cm ball bearing fan
- ◆ Supports one 2.5" HDD
- ◆ Optional slim type CD-ROM

### Dimensions unit: mm



### KINO boards used in ECK-3688G



### Specifications

| Model No.              | ECK-3688GA/256MB                                                                                                               | ECK-3688GDX/512MB                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Mainboard              | KINO-LX                                                                                                                        | KINO-6612                                                                                    |
| CPU                    | AMD® Geode™ LX 800 500 MHz                                                                                                     | Intel® Celeron® M 1.5 GHz                                                                    |
| System Chipset         | AMD® CS5536                                                                                                                    | SiS® 661CX + SiS® 964                                                                        |
| System Memory          | One 184-pin 333/400 MHz DDR SDRAM DIMM supported (system max.1GB, built-in 256MB)                                              | Two 184-pin GB (max.) 333/400 MHz DDR SDRAM DIMM supported (system max.2 GB, built-in 512MB) |
| Ethernet               | Dual 10/100Base-T                                                                                                              | Dual 10/100/1000BASE-T                                                                       |
| Display                | CRT interface integrated in AMD® Geode LX800, with one VGA port                                                                | CRT interface integrated in SiS® 661CX, with one VGA port                                    |
| USB                    | 4 x USB 2.0 at rear                                                                                                            | 2x at front and 4x at rear, USB 2.0                                                          |
| VGA / Keyboard / Mouse | 1 x DB-15 VGA Connector,<br>2 x PS/2 for keyboard & mouse                                                                      |                                                                                              |
| Audio                  | AC' 97<br>Line-in / Line-out                                                                                                   | AC' 97<br>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 6 cm ball bearing system fan                                                                                               |                                                                                              |
| Power Supply           | Internal DC-to-DC power converter, input voltage: 12VDC<br>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°C~50°C                                                                                                                       |                                                                                              |
| Operation Humidity     | 10% ~ 90%                                                                                                                      |                                                                                              |
| Color                  | Acrylic front bezel: blue, Metal body: black                                                                                   |                                                                                              |
| Weight (Net/Gross)     | 2.5 kg / 3.9 kg                                                                                                                |                                                                                              |
| Dimensions (DxWxH)     | 258 mm x 210 mm x 65 mm                                                                                                        |                                                                                              |
| EMC                    | Meets CE, FCC Class A                                                                                                          |                                                                                              |

### Packing List

|                                    |                           |
|------------------------------------|---------------------------|
| 1 x QIG                            | 1 x 40-pin IDE cable      |
| 2 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 44-pin IDE cable               | 1 x Power cord            |

### Ordering Information

| Part No.          | Description                                                                                                                  |
|-------------------|------------------------------------------------------------------------------------------------------------------------------|
| ECK-3688GA/256MB  | Mini-ITX embedded system with KINO-LX, AMD® Geode™ LX 800 500 MHz CPU, with 256MB DDR memory, 12VDC 80 W power adaptor, RoHS |
| ECK-3688GDX/512MB | Mini-ITX embedded system with KINO-6612, Intel® Celeron® M 1.5 GHz CPU, 512MB DDR memory, with 12V 80 W power adaptor, RoHS  |