

# KINO-QM57A

Mini-ITX SBC with Socket G1 for Intel® mobile Core™ i7/i5/i3/Celeron® CPU



## Features

- » Mini-ITX SBC with Socket G for Intel® 32nm/45nm mobile Core™ i7/i5/i3 and Celeron® processor
- » 800/1066HMz dual-channel DDR3 SO-DIMM supported (system max. 8 GB)
- » Analog CRT/18-bit or 24-bit dual-channel LVDS/Dual HDMI™ outputs supported
- » Intel® GbE LAN with Intel® AMT 6.0 support, iEZman UI is boundled for remote control under Windows® environment
- » UEFI software interface between OS and platform firmware
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| CPU Cooler            |                                      |
| CPU Cooler            | CF-989A-RS-R12                       |
| Display               |                                      |
| Display               | Dual display supported               |
|                       | 1 xVGA                               |
|                       | 2 x HDMI™                            |
|                       | 1 x 18/24-bit dual-channel           |
|                       | LVDS                                 |
| Environment           |                                      |
| Humidity              | 5% ~ 95%, non-condensing             |
| Operating Temperature | -10°C ~ 60°C                         |
| Expansion Slots       |                                      |
| Expansion Slots       | 1 x PCIx16                           |
|                       | 1 x PCIe Mini card slot              |
| FSB                   |                                      |
| FSB                   | NA                                   |
| I/O Interface         |                                      |
| Audio                 | Realtek ALC888 HD Audio codec        |
| Digital I/O           | 8-bit digital I/O (4 input/4 output) |
| Ethernet              | Dual display supported               |
|                       | 1 xVGA                               |
|                       | 2 x HDMI™                            |
|                       | 1 x 18/24-bit dual-channel           |
|                       | LVDS                                 |
| I/O Interface         | 2 x RS-232                           |
|                       | 1 x RS-232/422/485                   |
|                       | 8 x USB 2.0                          |
|                       | 1 x 6-pin header for KB/MS           |
| I/O Interface         |                                      |
| I/O Interface         | 8 x USB 2.0                          |
|                       | 1 x RS-422/485                       |
|                       | 2 x RS-232                           |

| Power             |                                                            |
|-------------------|------------------------------------------------------------|
| Power consumption | 12V@5.27A                                                  |
|                   | (2.66GHz Intel® Core i7 620M                               |
|                   | CPU with two 1333MHz 2GB                                   |
|                   | DDR3 DIMM)                                                 |
| System            |                                                            |
| Chipset           | Intel® QM57                                                |
| CPU               | Intel® Core™ i7/i5/i3 and                                  |
|                   | Celeron® Mobile processor                                  |
| CPU Socket        | Socket G1                                                  |
| Memory Max.       | 2 x 204-pin 800/1066 MHz 4GB                               |
|                   | DDR3 SO-DIMM (system max.                                  |
|                   | 8GB)                                                       |
| Storage           | 6 x SATA 3Gb/s                                             |
| Watchdog Timer    |                                                            |
| Watchdog Timer    | Software programmable and supports 1~255 sec. system reset |

## Ordering Information

|                |                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| KINO-QM57A-R10 | Mini-ITX SBC with Socket G for Intel mobile Arrandale CPU,VGA/Dual HDMI™/LVDS,Dual PCIe GbE,8 USB2.0,PCIe mini,6 SATAII and Audio,RoHS |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|

## Packing List

|                                      |                                  |
|--------------------------------------|----------------------------------|
| 1 x KINO-QM57A single board computer | 3 x SATA with power output cable |
| 1 x Dual RS-232 cable w/ bracket     | 1 x Mini jumper pack             |
| 1 x I/O shielding                    | 1 x QIG                          |