# 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 |