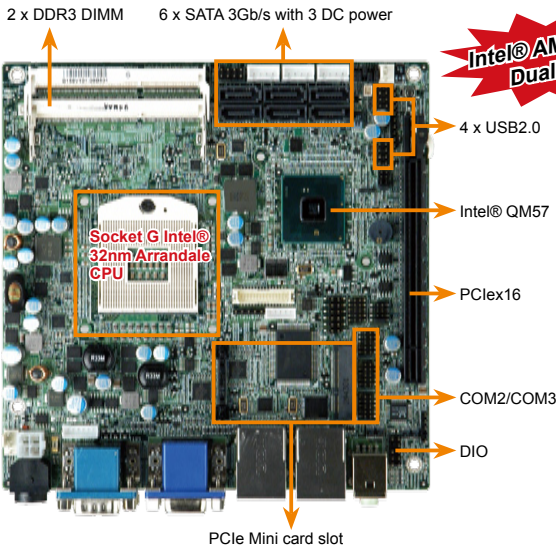


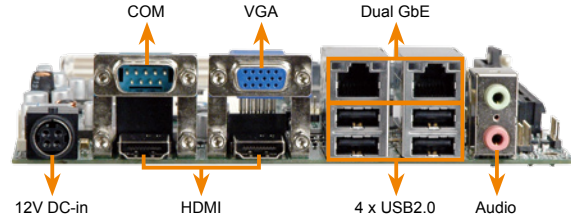
KINO-QM57A

Mini-ITX SBC with Socket G1 for Intel® mobile Core™ i7/ i5/ i3/ Celeron® CPU, VGA/Dual HDMI/LVDS, PCIe GbE, USB 2.0, PCIe Mini, SATA 3Gb/s, Audio and RoHS



IEI iEZMan Features:

1. Remote troubleshooting and recovery
2. Event log and alert
3. Remote HW/SW asset tracking
4. Network outbreak containment
5. Agent presence alerts when agent is not available



Features

1. Mini-ITX SBC with Socket G for Intel® 32nm/ 45nm mobile Core™ i7/ i5/ i3 and Celeron® processor
2. 800/1066MHz dual-channel DDR3 SO-DIMM supported (System max. 8GB)
3. Analog CRT/18-bit or 24-bit dual-channel LVDS/Dual HDMI outputs supported
4. Intel® GbE LAN with Intel® AMT 6.0 support, iEZman UI is bounded for remote control under Windows environment
5. UEFI software interface between OS and platform firmware
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery



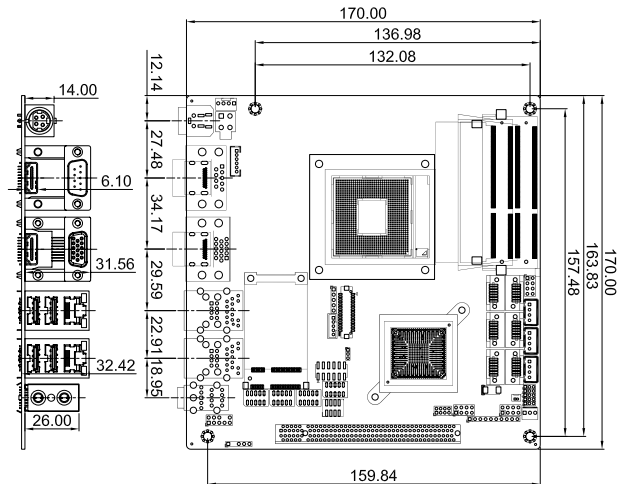
Specifications

- ◆ CPU: Socket G1 for Intel® mobile Core™ i7/ i5/ i3 and Celeron® processor (Socket 988)
- ◆ PCH: Intel® QM57
- ◆ Memory: Two 204-pin 800/1066MHz dual-channel DDR3 SDRAM SO-DIMM supported (System max. 8GB)
- ◆ BIOS: UEFI BIOS
- ◆ Ethernet: 1 x Intel® 82577 GbE LAN controller with Intel® AMT 6.0 supported by iEZman software UI; 1 x Intel® 82574L GbE LAN
- ◆ Graphic Engine: Gen 5.75 with 12 Execution Units DirectX® 10, OpenGL® 2.1
- ◆ Display Output: VGA integrated in Intel® QM57, resolution: 2048x1536@75Hz; 18/24-bit dual-channel LVDS support, resolution: 1920x1200@60Hz; Dual HDMI output, resolution: 1920x1200@60Hz

Note: The Intel® quad-core processor is a discrete processor which does not integrate a graphic engine. If a quad-core processor is used on the motherboard, an additional graphic card must be installed in order to support display output. Otherwise, the display will show "No display output" when connected to the on-board display port.

- ◆ Super I/O: Fintek F81865
- ◆ Audio: Realtek ALC888 HD codec
- ◆ I/O Interface: 3 x RS-232; 1 x RS-232/422/485 with Auto Flow control; 8 x USB 2.0; 1 x 6-pin header for KB/MS; 6 x SATA 3Gb/s with Raid 0/1/5/10; Support three SATA power connectors
- ◆ Expansion: 1 x PCIe Mini Card; 1 x PCIe x16
- ◆ Watchdog Timer: Software programmable support 1~255 sec. system reset
- ◆ Digital I/O: 8-bit digital I/O, 4-bit input / 4-bit output
- ◆ Fan connector: 1 x 4-pin CPU fan connector; 1 x 3-pin system fan connector
- ◆ Power Supply: Single voltage 12V DC input; 1 x external 4-pin DIN DC jack; 1 x internal 4-pin (2x2) power connector; Support AT/ATX mode
- ◆ Power Consumption: 12V@5.27A (2.66GHz Intel® Core™ i7 620M CPU with two 2GB 1333MHz DDR3 DIMMs)
- ◆ Temperature: Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity: Operation: 5% ~ 95%, non-condensing
- ◆ Dimensions: 170mm x 170mm
- ◆ Weight: GW:1000g / NW:350g

Dimensions (Unit: mm)



Packing List

1 x KINO-QM57A single board computer	
1 x Dual RS-232 cable /w bracket (P/N: 19800-000112-RS)	
3 x SATA with power output cable (P/N: 32801-000100-100-RS)	
1 x I/O shielding (P/N: 45014-0029C0-00-RS)	1 x Mini jumper pack
1 x QIG	1 x Utility CD

Ordering Information

Part No.	Description
KINO-QM57A-R10	Mini-ITX SBC with Socket G1 for Intel® mobile Arrandale CPU, VGA/Dual HDMI/LVDS, PCIe GbE, USB 2.0, PCIe Mini, SATA 3Gb/s and audio, RoHS
CB-USB02-RS	Dual USB cable
SAIDE-KIT01-R10	SATA to IDE/CF converter board
WMPICIE-V01-R30	PCIe Mini card wireless LAN module
WMUSB-V01-R20	USB Mini card wireless LAN module
63000-FSP096AHS-RS	96W/12V power adaptor 90VAC~260VAC, DIN 4 pin
19800-000110-RS	RS-232/422/485 cable with bracket
CF-989A-RS-R11	CPU cooler for mobile socket-G (PGA988) up to 55W processor, Copper, 60x60x27.6mm, RoHS
CF-989B-RS	CPU cooler for mobile socket-G (PGA988) 50W processor, Aluminum, 60x60x27.6mm, RoHS