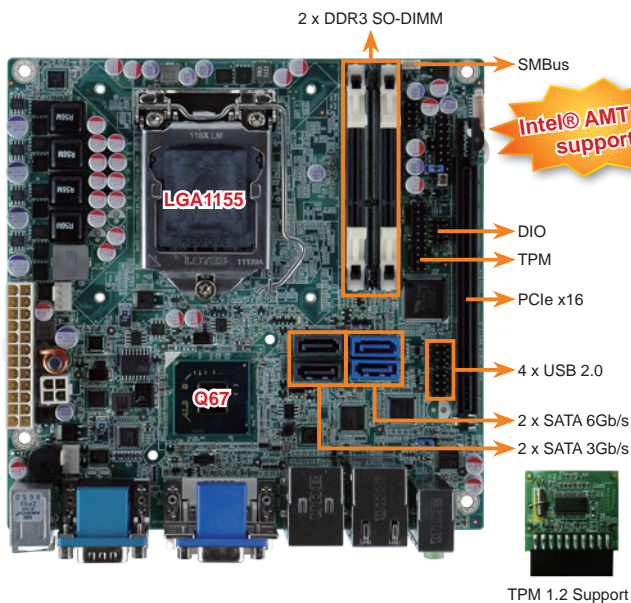


KINO-AQ670

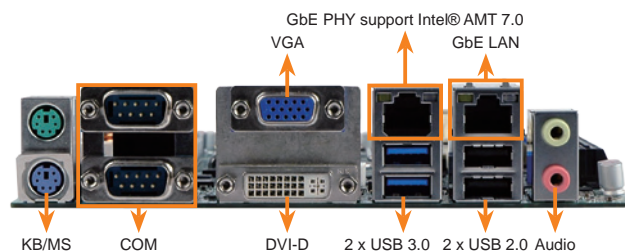
Mini-ITX SBC supports LGA1155 Intel® Core™ i7/i5/i3/Pentium® and Celeron® CPU, DDR3, VGA/DVI-D, two COM, Intel® GbE, SATA 6Gb/s, USB 3.0, HD Audio and RoHS



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

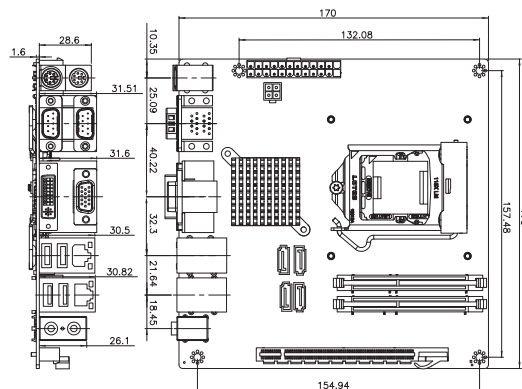
New



Features

1. LGA1155 with Intel® 2nd generation Core™ Core™ i7/i5/i3/Pentium® and Celeron® processor supported
2. Dual-channel DDR3 1333/1066MHz supports up to 16GB
3. Support dual independent displays by VGA and DVI-D
4. High speed USB 5Gb/s and SATA 6Gb/s supported
5. Intel® GbE LAN with Intel® AMT 7.0 support
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (Unit: mm)



Packing List

1 x KINO-AQ670 single board computer	
1 x I/O shielding (P/N: 45014-0008C0-00-RS)	1 x Mini jumper pack
4 x SATA cable (P/N: 32801-000703-200-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG

Ordering Information

Part No.	Description
KINO-AQ670-R10	Mini-ITX SBC supports LGA1155 Intel® Core™ i7/i5/i3 CPU, DDR3, VGA/DVI-D, 2COM, Intel® GbE, SATA 6Gb/s, USB 3.0, HD Audio and RoHS
19800-003100-100-RS	Dual-port USB cable with bracket
32102-000100-200-RS	SATA power cable
SACF-KIT01-R10	SATA to CF converter board
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17
CPU-DT-i5-2500T	Intel® Core™ i5-2500T processor, LGA-1155, quad core 2.3GHz, 6M cache, 45W, compatible with CF-1156C-RS CPU cooler
CPU-DT-i5-2390T	Intel® Core™ i5-2390T processor, LGA-1155, dual core 2.7GHz, 3M cache, 35W, compatible with CF-1156C-RS CPU cooler
CPU-DT-i3-2120T	Intel® Core™ i3-2120T processor, LGA-1155, dual core 2.5GHz, 3M cache, 35W, compatible with CF-1156C-RS CPU cooler
CPU-DT-P-G620T	Intel® Pentium® G620T processor, LGA-1155, dual core 2.2GHz, 3M cache, 35W, compatible with CF-1156C-RS CPU cooler
CPU-DT-C-G440	Intel® Celeron® G440 processor, LGA-1155, single core 1.6GHz, 1M cache, 35W, compatible with CF-1156C-RS CPU cooler
CF-1156A-RS	High-performance LGA1155/LGA1156 cooler kit, 1U chassis compatible, 73W
CF-1156B-RS	High-performance LGA1155/LGA1156 cooler kit, 95W
CF-1156C-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 65W



Specifications

- ◆ CPU
LGA1155 socket supports Intel® Core™ i7/i5/i3/Pentium® and Celeron® processor
- ◆ System Chipset
Intel® Q67
- ◆ Memory
Two 204-pin 1066/1333MHz dual-channel DDR3 SDRAM SO-DIMM supported (system max. 16GB)
- ◆ BIOS
UEFI BIOS
- ◆ Ethernet
Intel® 82583V PCIe controller
Intel® 82579 PHY with Intel® AMT 7.0 support
- ◆ Graphics Engine
Support for DX10.1 and OpenGL3.0, full MPEG2. VC1. AVC decode
- ◆ Display Output
Dual display supported
1 x VGA
1 x DVI-D
- ◆ Super I/O
Fintek F81866
- ◆ Audio
Realtek ALC662 HD Audio codec
- ◆ I/O Interface
2 x RS-232
6 x USB 2.0
2 x SATA 3Gb/s
1 x PS/2 KB/MS
2 x TPM pin header
2 x USB 3.0
2 x SATA 6Gb/s with Raid 0, 1, 5, 10 support
- ◆ Expansion
1 x PCIe x16 slot
- ◆ Watchdog Timer
Software programmable support 1~255 sec. System reset
- ◆ GPIO
Programmable 8-bit GPIO
- ◆ Fan Connector
1 x 4-pin CPU fan connector
1 x 3-pin system fan connector (cotay with 4-pin)
- ◆ Power Supply
AT/ATX Power Supply
- ◆ Power Consumption
5V@3.84A, 12V@0.16A, Vcore_12V@5.31A, 3.3V@1.81A, 5VSB@0.5A (2.5GHz Intel® Core™ i5-2400S with two 1333MHz 2GB DDR3)
- ◆ Operating Temperature
-10°C ~ 60°C
- ◆ Operating Humidity
5% ~95%, non-condensing
- ◆ Dimensions
170mm x 170mm
- ◆ Weight
GW:1100g, NW: 700g

1
Industrial
Computing
Solutions

2
Video
Capture
Solutions

3
Embedded
Computing
Solutions

4
oRing
Network
Communication

5
Power Supply/
Peripherals

6
Panel
Solutions
Introduction