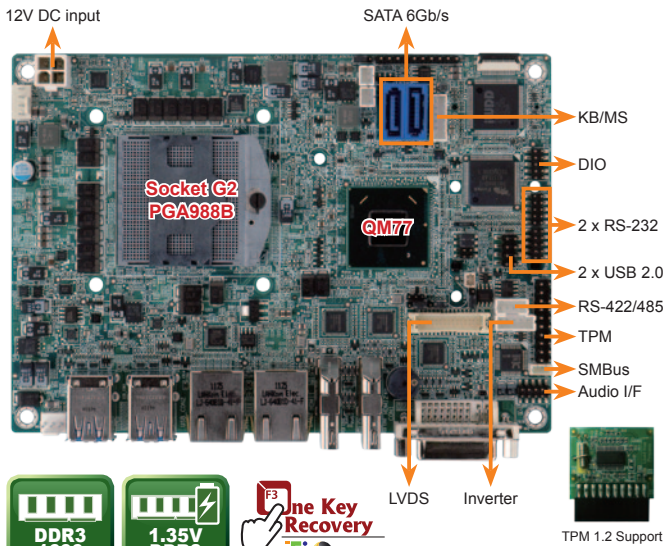
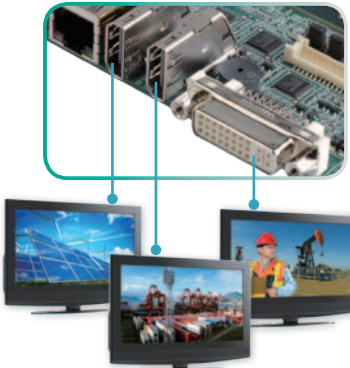


epic NANO-QM770

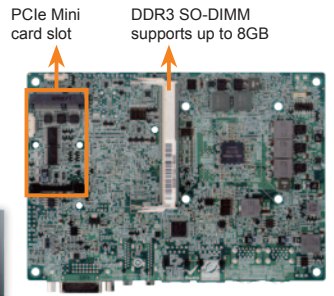
EPIC SBC Supports Socket G2 for Intel® 22nm Mobile CPU, DVI-I/Dual HDMI/LVDS, Dual PCIe GbE, USB 3.0, PCIe Mini, SATA 6Gb/s and Audio



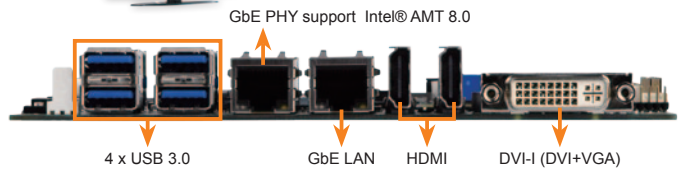
Triple independent display supported under Win7 OS



New



Solder side



DDR3 1600

1.35V DDR3

One Key Recovery

Triple Display

USB 3.0

SATA 6Gb/s

Gigabit Ethernet PCIe

HDMI

mSATA

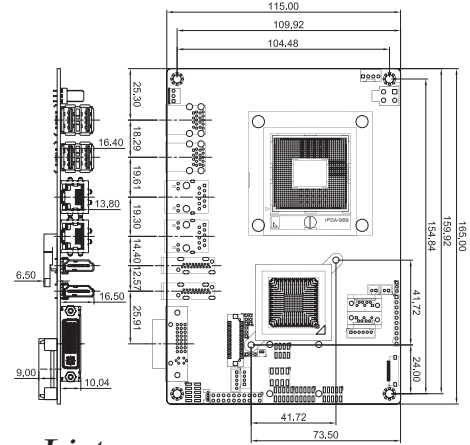
Specifications

- ◆ CPU
Socket G2 for Intel® 3rd generation 22nm mobile processor
- ◆ PCH
Intel® QM77
- ◆ BIOS
UEFI BIOS
- ◆ Memory
One 204-pin 1066/1333/1600 MHz DDR3 SO-DIMM supported (system max. 8GB)
- ◆ Graphics
Intel® HD Graphics Gen 7 with 12 execution units
DirectX 11, OpenGL 3.1, OpenCL 1.1
- ◆ Display Output
Analog CRT and DVI by DVI-I connector (up to 2048 x 1536 @75Hz)
18/24-bit dual channel LVDS (up to 1920 x 1200 @60Hz)
Dual HDMI supports resolution up to 1080p (up to 1920 x 1200 @60Hz)
- ◆ LAN
Intel® 82583V PCIe controller
Intel® 82579 PHY with Intel® AMT 8.0 supported
- ◆ Super I/O
Fintek F81866
- ◆ I/O Interface
2 x SATA 6Gb/s with 5V SATA power connector
2 x USB 2.0
4 x USB 3.0
2 x RS-232
1 x RS-422/485
1 x 6-pin header for KB/MS
- ◆ TPM
2 x 10-pin LPC pin header for TPM
- ◆ Audio
Realtek ALC662 HD codec
- ◆ Expansions
1 x PCIe Mini card slot (compatible with mSATA device)
- ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
- ◆ Programmable I/O
8-bit digital I/O
- ◆ Fan Connector
1 x 4-pin CPU fan connector
1 x 3-pin system fan connector
- ◆ Power supply
12V only, AT/ATX support
- ◆ Power Consumption
12V@4.89A (Intel® 1.8GHz CPU with 1333MHz DDR3 4GB memory)
- ◆ Operating Temperature
-10°C ~ 60°C
- ◆ Operating Humidity
5% ~ 95%, non-condensing
- ◆ Dimensions
115 mm x 165 mm
- ◆ Weight
GW: 850g/NW: 350g

Features

1. EPIC SBC with Socket G2 for Intel® 22nm mobile processor
2. Triple independent display supports with dual HDMI+DVI/dual HDMI+LVDS (HDMI V1.3a compliant)
3. 1066/1333/1600 MHz DDR3 SDRAM supports up to 8GB
4. Supports three COM, four USB 3.0, two SATA 6Gb/s and audio
5. Intel® GbE LAN with Intel® AMT 8.0 supported
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (Unit: mm)



Packing List

1 x NANO-QM770 single board computer	
2 x SATA with power cable kit (P/N: 32801-000201-100-RS)	
1 x Audio cable (P/N: 32007-002600-100-RS)	
1 x Power cable (P/N: 32100-087100-RS)	1 x Mini jumper pack
2 x RS-232 cable (P/N: 32200-000049-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
NANO-QM770-R10	EPIC SBC supports Socket G2 for Intel® 22nm mobile CPU, DVI-I/dual HDMI/LVDS, dual PCIe GbE, USB 3.0, PCIe Mini, SATA 6Gb/s and Audio
32000-070301-RS	Dual port USB cable
32205-003800-100-RS	RS-422/485 cable
CF-989A-RS-R12	CPU cooler for mobile socket-G (PGA988) up to 55W processor, copper, 60 x 60 x 27.6mm, RoHS
32006-001100-100-RS	KB/MS cable
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17