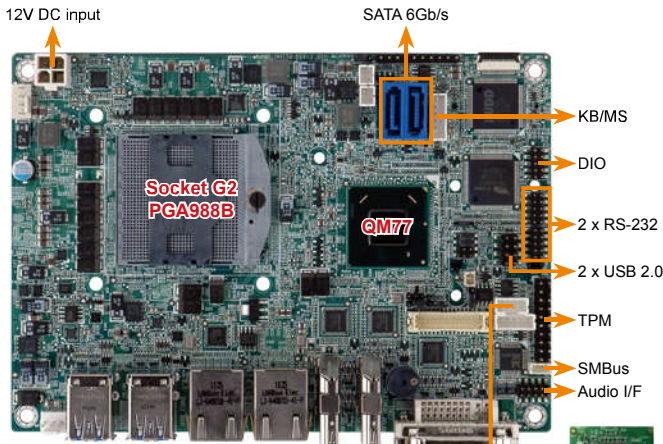
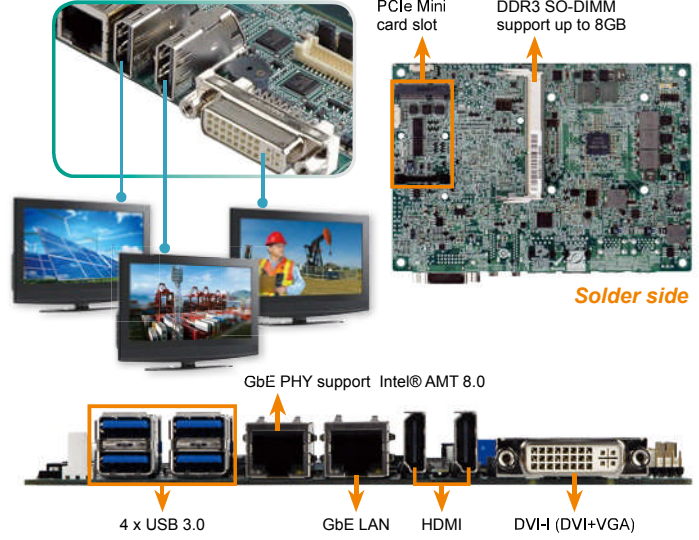


# epic NANO-QM770

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



### 3 independent display support under Win7 OS



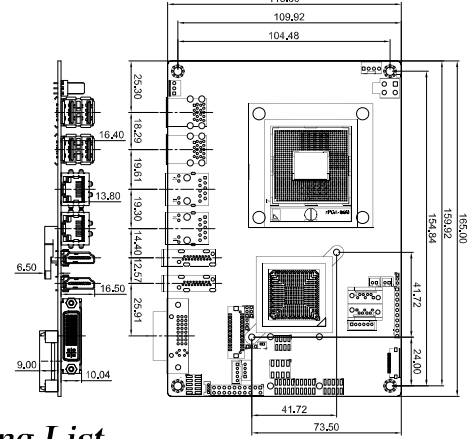
## Specifications

- ◆ CPU  
Socket G2 for Intel® 3rd generation 22nm mobile processor
- ◆ PCH  
Intel® QM77
- ◆ BIOS  
UEFI BIOS
- ◆ Memory  
One 204-pin 1066/1333/1600 DDR3 SO-DIMM supported (system max. 8GB)
- ◆ 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 Ivy Bridge processor
2. Three independent display support with dual HDMI+DVI/dual HDMI+LVDS (HDMI V1.3a compliant)
3. 1066/1333/1600 MHz DDR3 SDRAM supported up to 8GB
4. Supports 3 COM, 4 x USB 3.0, 2 x 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: 32000-072100-RS)	
1 x Power cable (P/N: 32100-087100-RS)	1 x Mini jumper pack
2 x RS-232 cable (P/N: 32205-002700-100-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
32001-002700-200-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
32000-023800-RS	KB/MS cable
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17