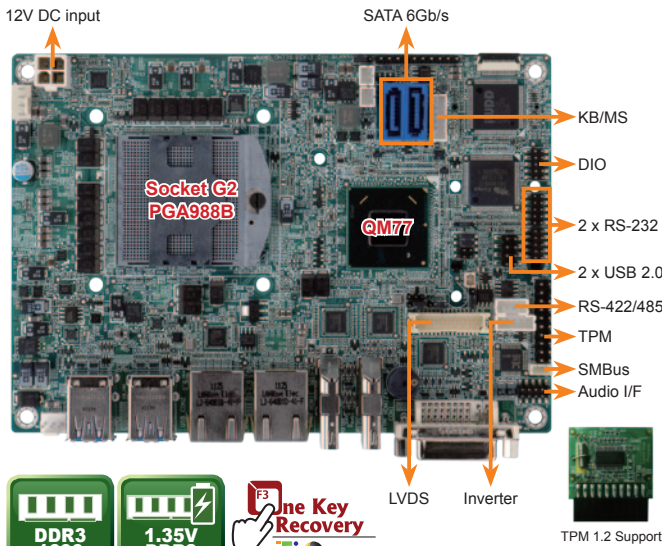


# NANO-QM770

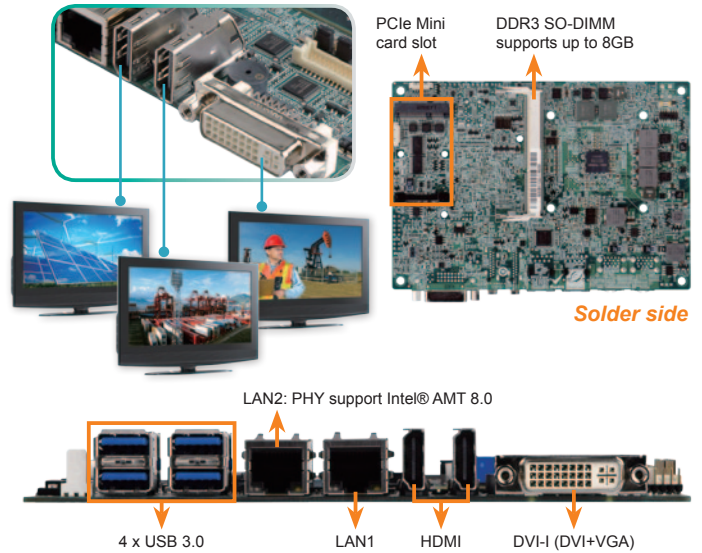
EPIC SBC Supports Socket G2 for Intel® 22nm Mobile CPU, DVI-I/Dual HDMI/LVDS, Dual PCIe GbE, USB 3.0, PCIe Mini, SATA 6Gb/s and Audio



## 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 2048x1536@75Hz), 18/24-bit dual channel LVDS (up to 1920x1200@60Hz), Dual HDMI (HDMI signal only) supports resolution up to 1080p (up to 1920x1200@60Hz)
- ◆ Ethernet: LAN1: Intel® 82583V PCIe controller, LAN2: Intel® 82579 PHY with Intel® AMT 8.0 support
- ◆ 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: 1 x TPM connector (2x10 pin)
- ◆ 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
- ◆ Storage Temperature: -20°C ~ 70°C
- ◆ Operating Humidity: 5% ~ 95%, non-condensing
- ◆ Dimensions: 115 mm x 165 mm
- ◆ Weight: GW: 850g/NW: 350g

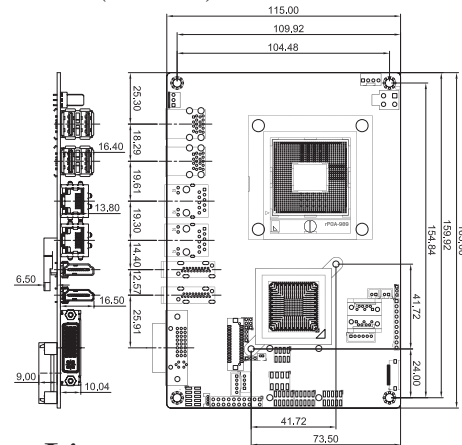
## Triple independent display supported under Win7 OS



## 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: 32801-000201-300-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: 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
32000-044300-RS	Dual port USB cable, 210mm, P=2.54
32205-003800-300-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