

Embedded Computer > Single Board Computer > Embedded Board

NANO-QM770

EPIC SBC Supports Socket G2 for Intel® 22nm Mobile CPU,

Features

- $\ensuremath{\texttt{*}}$ » EPIC SBC with Socket G2 for Intel® 22nm mobile processor
- » Triple independent display supports with dual HDMI™+DVI/dual HDMI™+LVDS (HDMI™ V1.3a compliant)
- » 1066/1333/1600 MHz DDR3 SDRAM supports up to 8 GB

 $\ensuremath{\mathsf{w}}$ supports three COM, four USB 3.0, two SATA 6Gb/s and audio

» Intel® GbE LAN with Intel® AMT 8.0 supported

» IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

System		
CPU	Socket G2 for 3rd generation 22nm Intel® mobile processor	
Chipset	Intel® QM77	
Memory	One 204-pin 1600/1333 MHz single-channel DDR3 & DDR3L SDRAM unbuffered SO-DIMM	
Memory Max.	8GB	
Physical Characteristics		
Dimensions (LxWxH) (mm)	115 X 165	
Net Weight	350g	
Storage		
Storage	2 x SATA :6Gb/s with 5V SATA power connector(RAID0,1 supported)	
I/O Interface		
Display Output	1 x DVI-I :up to 2048x1536@75Hz	
	2 x HDMI™ :up to 1920x1200@60Hz	
	1 x LVDS :18/24-bit dual-channel (up to 1920x1200@60Hz)	
Ethernet	2 x LAN :LAN1: Intel® 82583V PCIe controller	
	LAN2: Intel® 82579 PHY with Intel® AMT 8.0	
Audio	Description: Realtek ALC662 HD codec	
	1 x Front Audio :2x5 pin	
I/O Interface	4 x External USB 3.2 Gen1x1	
Expansion	1 x PCIe mini Card Slot :Full-size(support mSATA)	
Other Features		
TPM	2x10 pin	
Power		
Power Consumption	12V@4.89A (Intel® 1.8GHz CPU with one 1333	
	MHz 4 GB DDR3 SO-DIMM)	
Power Supply	12V only DC input	
	1 x Internal power connector (2x2 pin)	
	Support AT/ATX mode	



Operating Temperature	-10°C ~ 60°C	
Storage Temperature	-20°C ~ 70°C	
Humidity	5% ~ 95%, non-condensing	
Certifications	ons	
Safety & EMC	CE/FCC compliant	

Ordering Information

	EPIC SBC supports 3rd generation Intel Core i7/i5/i3 mobile processor,Dual HDMI ™/ DVI-I/ LVDS,Dual GbE,USB 3.0,PCIe Mini,SATA 6Gb/s and Audio

Packing List

1 x NANO-QM770 single board computer	1 x Audio cable
1 x Mini jumper pack	1 x Power cable
2 x RS-232 cable	1 x QIG (Quick Installation Guide)
2 x SATA with power cable kit	