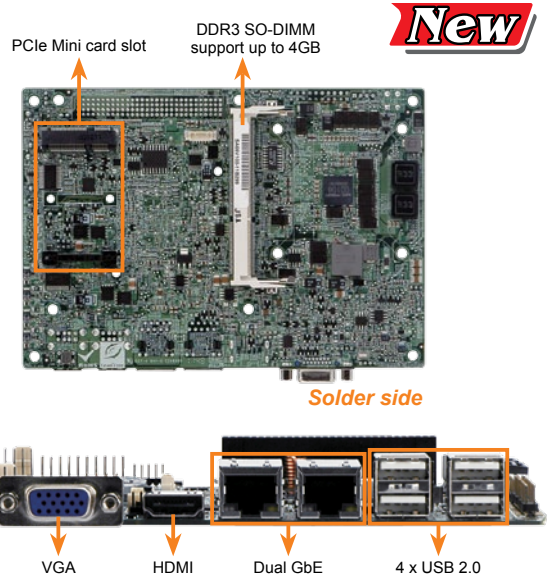
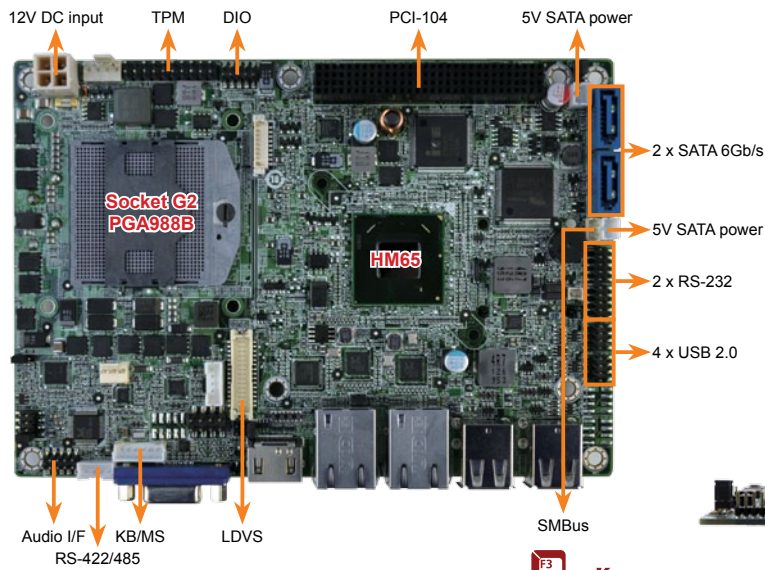


epic NANO-HM650

EPIC SBC Supports Socket G2 for Intel® 2nd Generation Core™ i7/i5/i3 and Celeron® CPU, VGA/HDMI, Dual PCIe GbE, USB 2.0, PCI-104, SATA 6Gb/s and Audio



New

Solder side



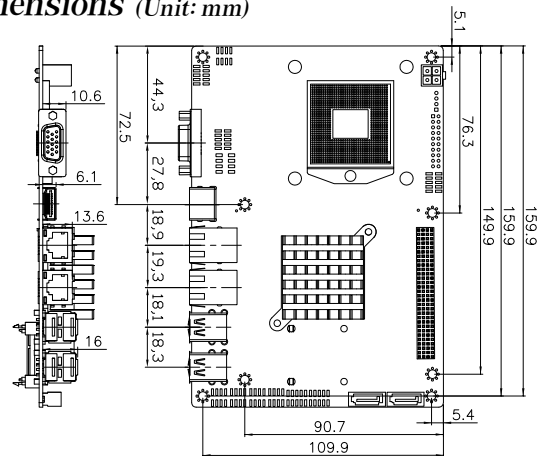
Specifications

- ◆ CPU
Socket G2 for 2nd generation Intel® Core™ i7/i5/i3 and Celeron® mobile processor
- ◆ PCH
Intel® HM65
- ◆ BIOS
UEFI BIOS
- ◆ Memory
One 204-pin 1066/1333MHz DDR3 SO-DIMM supported (system max. 4GB)
- ◆ Display Output
Dual display supported
1 x VGA (up to 2048 x 1536 @75Hz)
1 x HDMI (up to 1920 x 1200 @60Hz)
1 x 18/24-bit dual-channel LVDS (up to 1920 x 1200 @60Hz)
- ◆ Ethernet
Dual PCIe LAN controller by Realtek RTL8111E with ASF 2.0 support
- ◆ Super I/O
Fintek F81866
- ◆ I/O Interface
1 x 6-pin header for KB/MS
2 x RS-232
1 x RS-422/485
2 x SATA 6Gb/s with 5V SATA power connector
8 x USB 2.0
- ◆ Audio
Realtek ALC662 HD audio codec
- ◆ Expansions
1 x PCIe Mini card slot
1 x PCI-104 slot (PCI signal)
- ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
- ◆ Programmable GPIO
8-bit digital I/O (4-bit input / 4-bit output)
- ◆ 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@4.85A (2.6GHz Intel® Core i5-2540M with 1333MHz 4GB DDR3 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® 2nd generation Core™ i7/i5/i3 and Celeron® processor
2. VGA 24-bit dual-channel LVDS/HDMI for dual display support
3. 1066/1333MHz DDR3 SDRAM supported (system max. 4GB)
4. Supports three COM, eight USB 2.0, two SATA 6Gb/s, PCI-104 and audio
5. TPM V1.2 hardware security function supported by TPM module
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (Unit: mm)



Packing List

1 x NANO-HM650 single board computer	
2 x SATA with power cable (P/N: 32801-000201-100-RS)	
2 x RS-232 cable (P/N: 32205-002700-100-RS)	
1 x Audio cable (P/N: 32000-072100-RS)	1 x Mini jumper pack
1 x Power cable (P/N: 32100-087100-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
NANO-HM650-R10	EPIC SBC supports Socket G2 for Intel® 2nd generation Core™ i7/i5/i3 and Celeron® CPU, VGA/HDMI, dual PCIe GbE, USB 2.0, PCI-104, SATA 6Gb/s and Audio
32001-008600-100-RS	Dual-port USB cable
32205-003800-100-RS	RS-422/485 cable, 200mm
32000-023800-RS	KB/MS cable
CF-989A-RS-R12	CPU cooler for mobile socket-G up to 55W processor, copper, 60mm x 60mm x 27.6mm