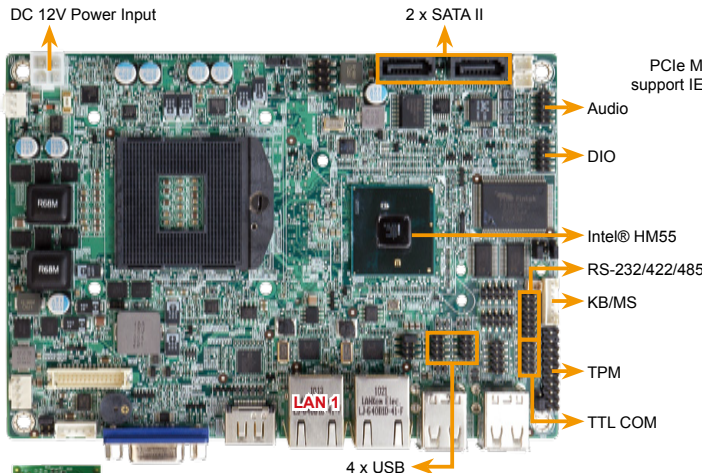


epic

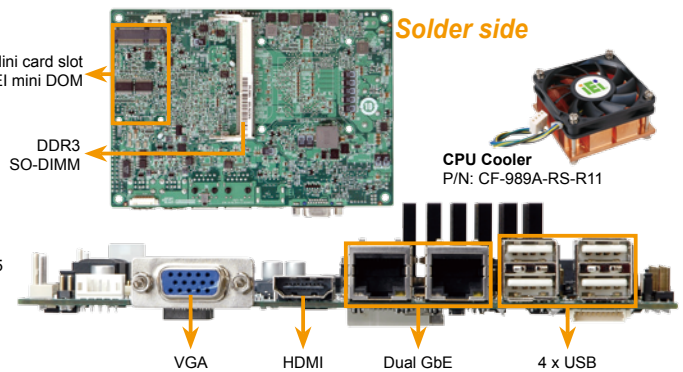
NANO-HM551

EPIC SBC supports Socket G1 for Intel® Core™ i7/ i5/ i3/ Celeron® CPU, VGA/HDMI, Dual PCIe GbE, USB 2.0, PCIe Mini, SATA II and Audio, RoHS



Specifications

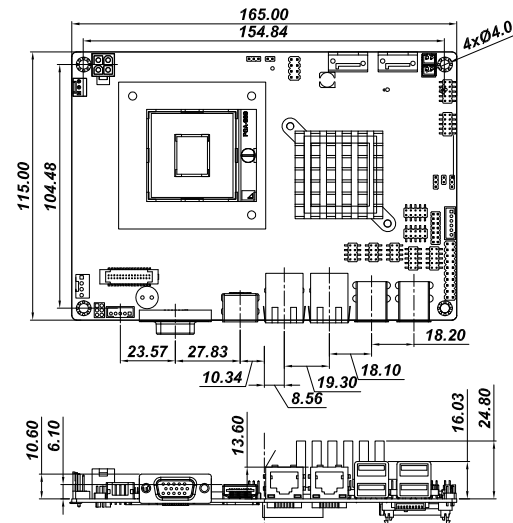
- ◆ CPU
Socket G1 for Intel® mobile Core™ i7/ i5/ i3 and Celeron® processor (Socket 988)
- ◆ PCH
Intel® HM55
- ◆ BIOS
UEFI BIOS
- ◆ Memory
One 204-pin 800/1066MHz DDR3 SDRAM SO-DIMM up to 4GB
- ◆ Graphic
Gen 5.75 with 12 Execution Units DirectX* 10, OpenGL* 2.1
- ◆ Display Interface
Analog CRT by VGA connector (2048x1536)
18/24-bit dual-channel LVDS (1600x1200)
HDMI supports up to 1080p resolution (1920x1080)
- ◆ LAN
Dual PCIe LAN controller by Realtek RTL8111E, LAN1 with ASF 2.0 support
- ◆ Super I/O
Fintek F81865
- ◆ I/O Interface
8 x USB2.0 1 x 6-pin pin header for KB/MS
3 x RS-232 1 x RS-232/422/485 (COM3) with Auto Flow control
1 x TTL COM (COM5) 2 x SATA II with SATA power connector
- ◆ Audio
Realtek ALC888 HD Codec
- ◆ Expansion
1 x Mini PCIe card slot (PCIe + USB + SATA signal) support IEI mini DOM
- ◆ Watchdog Timer
Software programmable support 1~255 sec. system reset
- ◆ Digital I/O
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@3.8A (Intel® Core™ i3 330M 2.13GHz CPU with DDR3 1066MHz 1GB)
- ◆ Temperature
Operation: -10°C ~ 60°C
- ◆ Humidity
Operation: 5% ~ 95%, non-condensing
- ◆ Dimensions
115mm x 165mm
- ◆ Weight
GW:850g / NW:350g



Features

1. EPIC SBC with Socket G1 for Intel® Core™ i7/ i5/ i3 and Celeron® processor
2. VGA /24-bit dual channel LVDS/ HDMI for dual display support
3. DDR3 800/1066MHz SDRAM supported up to 4GB
4. Support five COM, eight USB 2.0, two SATA, audio
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (mm)



Packing List

1 x NANO-HM551 single board computer	
1 x Power cable (P/N: 32100-087100-RS)	
2 x RS-232 cable (P/N: 32200-000049-RS)	
1 x SATA with power cable kit (P/N: 32801-000201-100-RS)	
1 x Audio cable (P/N: 32000-072100-RS)	1 x Mini jumper pack
1 x QIG (Quick installation guide)	1 x Utility CD

Ordering Information

Part No.	Description
NANO-HM551-R10	EPIC SBC supports Socket G1 for Intel® Core™ i7 CPU, VGA/HDMI, Dual PCIe GbE, USB 2.0, Mini PCIe, SATA II and Audio, RoHS
32000-070301-RS	Dual port USB cable
32100-043403-RS	ATX power cable
CF-989A-RS-R11	CPU cooler for mobile socket-G (PGA988) up to 55W processor, Copper, 60x60x27.6mm, RoHS
CF-989B-RS	CPU cooler for mobile socket-G (PGA988) 50W processor, Aluminum, 60x60x27.6mm, RoHS
32200-133200-RS	KB/MS cable
TPM-IN01-R11	20-pin INFINEON TPM Module, S/W management Tool, Firmware V3.17