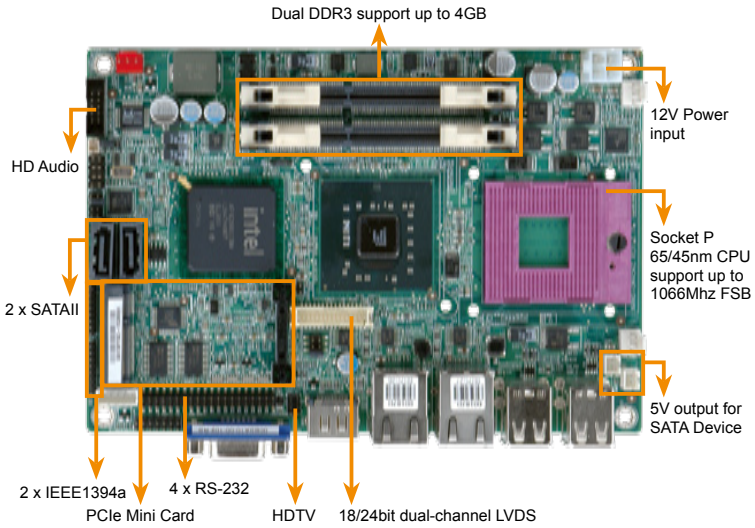
epic

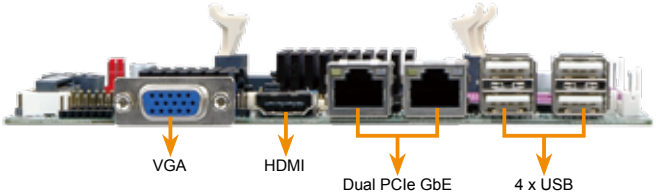
NANO-GM45A2

EPIC SBC supports Intel® 45nm mobile Core™ 2 Duo processor with Intel® GM45 & ICH9M platform, DDR3/HDMI/IEEE1394

NEW

DDR3 support





Features

1. Socket P Intel® 45nm mobile Core™ 2 Duo processor support up to 1066MHz FSB
2. High performance MPEG-2 decoding, WMV9 (VC-1) and H.264 (AVC) supported
3. DDR3 1066/800Mhz dual channel DDR3 supported up to 4GB
4. 18/24-bit dual channel LVDS/Analog CRT/HDTV output/HDMI supported
5. Support 4 x COM, 4 x USB, 2 x SATAII, 2 x IEEE 1394a and Audio
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

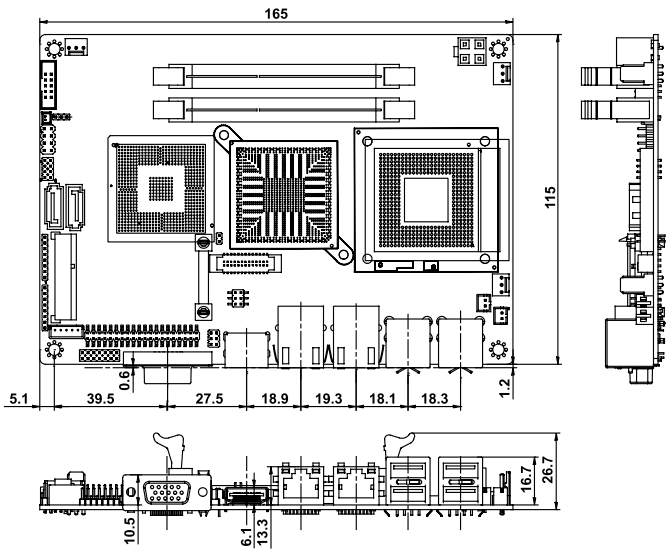
CB-IEEE1394-RS Included

One Key Recovery

HDMI

FireWire | FSB 1066 | DDR3 1066 | SATA II | USB 2.0 | PCIe GbE

Dimensions (mm)



Specifications

- CPU
  Socket P Intel® Core™ Duo Processor with a 1066/800MHz FSB
  Socket P Intel® Celeron® M Processor with a 667/800 MHz FSB
- System Chipset
  Intel® GM45/ICH9M
- BIOS
  AMI BIOS
- System Memory
  Two 204-pin 1066/800/667 MHz DDR3 SDRAM SO-DIMM supported (system max. 4GB)
  Support for DDR3 at 667MHz when FSB at 667MHz only
- Ethernet Chipset
  Dual Realtek 8111CP GbE Chipsets
- I/O interface
  4 x USB2.0 2 x SATAII 4 x RS-232
  2 x IEEE 1394a ports up to 400Mbps data transfer by VIA VT6315N
- Display Interface
  Intel® Gen 5.0 integrated graphics engine with Mobile Intel® GMA 4500MHD
  High Performance MPEG-2 Decoding, WMV9 (VC-1) and H.264 (AVC)
  Microsoft DirectX*10 support
  Analog CRT resolution up to 2048x1536
  18/24-bit dual channel LVDS resolution up to 1920x1200
  HDTV-out resolution up to 1920x1080i by component interface
  HDMI Port support up to 1080i/p
- Expansions
  PCIe mini card
- Audio
  Realtek ALC888 HD Audio
- WDT
  Software programmable supports 1 ~ 255 sec. system reset
- Power Supply
  12V only, AT/ATX supported
- Power consumption
  12V@3.06A (Intel® Core™2 Duo T9400 2.53GHz, 1GB DDR3 1066 MHz)
- Temperature operation: -10°C ~ 60°C
- Humidity operation: 5% ~ 95 non-condensing
- Dimension
  165 mm x 115 mm
- Weight
  GW: 700g NW 350g

Packing List

1 x NANO-GM45A2 Single Board Computer	
1 x Dual Port IEEE1394 Cable (P/N: CB-IEEE1394-RS)	
1 x Quad RS-232 Cable (P/N: 32100-147900-RS)	
1 x Mini Jumper Pack	1 x Power cable (P/N: 32100-087100-RS)
2 x SATA Cable (P/N:32000-062800-RS)	1 x Audio Cable (P/N: 32000-072100-RS)
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
NANO-GM45A2-R10	EPIC SBC supports Intel® 45nm mobile Core™ 2 Duo processor with Intel® GM45 & ICH9M platform, DDR3, dual GbE, LVDS/CRT/HDTV-out, SATAII, USB2.0
CF-479B-RS	CPU Cooler
CF-479F-RS	CPU Cooler for T9400
32000-083702-RS	HDTV Cable Set with S-Video, Composite and Component Interfaces
32102-000100-100-RS 32102-000100-200-RS	SATA Power Cable
32000-114001-RS	SATA 5V power output Cable Kit for NANO series, SATA Cable 20cm, Power Cable 20cm
32100-043403-RS	ATX Power Cable