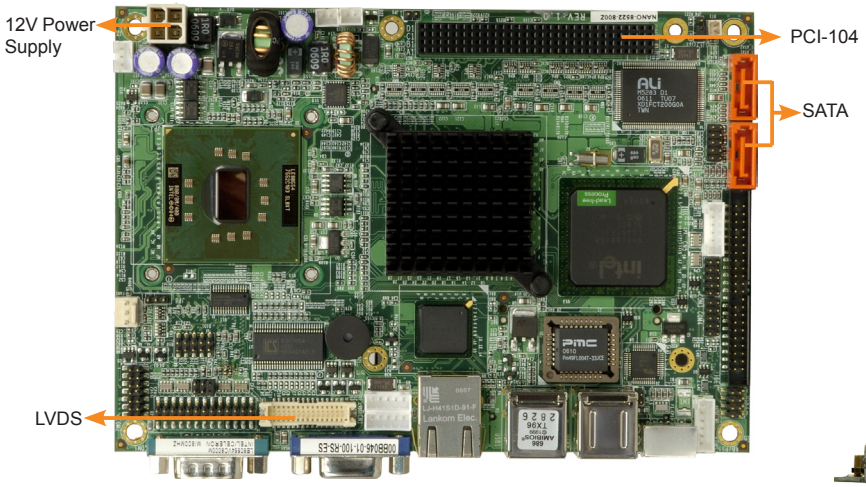
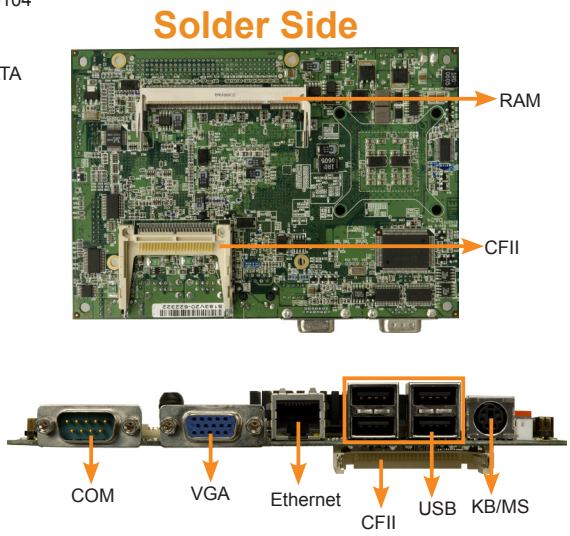
NANO-8522

EPIC Intel® Pentium® M/ Celeron® M CPU with LCD/CRT VGA, SATA, LAN, Audio





Feature

1. Intel® Pentium® M/ Celeron® M CPU support up to FSB 400MHz
2. CRT/LCD VGA integrated in i852GM, support 36-bit LVDS for independent dual display
3. 1 x DDR 266/200MHz SO-DIMM support up to 1GB
4. Support PCI-104 extension slot
5. CFII, Intel® LAN, USB 2.0, Multi-COM, Audio, SATA integrated

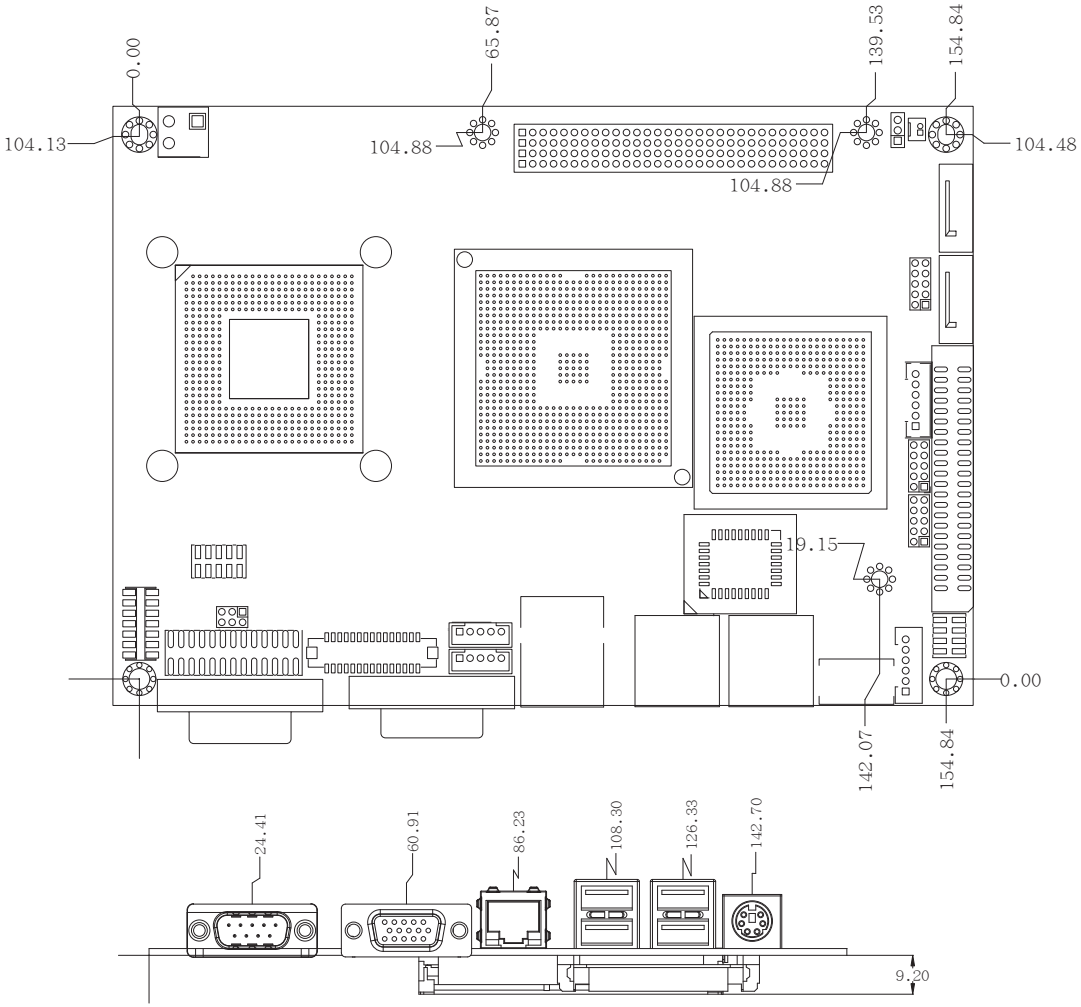
Specification

- **CPU**
  Intel® Celeron® M 800MHz zero cache processor on board Intel® Socket 479 Pentium® M/Celeron® M up to 2.10GHz, FSB 400MHz
- **System Chipset**
  Intel® 852GM + ICH4
- **BIOS**
  AMI BIOS Label
- **System Memory**
  1 x DDR 266/200MHz SO-DIMM socket support up to 1GB
- **Ethernet**
  Intel® 82541PI for GbE/ Intel® 82551ER for 10/100Mbps
- **I/O**
  2 x SATA-150
  6 x USB 2.0
  1 x CFII
  3 x RS-232, 1 x RS232/422/485
  1 x PS/2 KB/MS
  1 x IDE
  Extension
  1 x PCI-104
- **Audio**
  AC'97 2.3 Realtek ALC655
- **Digital I/O**
  4 input / 4 output by super I/O
- **IrDA**
  by super I/O
- **Super I/O**
  W83627EHG
- **Display**
  CRT integrated in Intel® 852GM
  LVDS
  Dual 18-bit LVDS integrated in Intel® 852GM
- **Watchdog Timer**
  Software programable supports 1-255 sec. system reset
- **Power Supply**
  +12V only, AT/ATX support
- **Power Consumption**
  +12V@ 0.96A
  (ULV Intel® Celeron® M 800 zero Cache with DDR 266MHz 256MB RAM)
  +12V@ 1.99A
  (Pentium® M 1.7GHz/L2-2M with DDR 266MHz 512MB RAM)
- **Temperature**
  Operation: 0 ~ 60° C (32 ~ 140° F)
- **Humidity**
  Operation: 5% ~ 95%, non-condensing
- **Dimension**
  115 mm x 165 mm
- **Weight**
  GW: 1100g; NW: 950g

RoHS Compliance

IEI is committed to compliance with all applicable laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) in electrical and electronic products. The goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. With IEI ' s new lead free production, all customers can start to work for their long term projects without worry about the RoHS regulation.

Dimension



Packing List

1 x NANO-8522 single board computer	2 x RS-232 cable (P/N: 32200-000049-RS)
1 x IDE flat cable 44p/44p (P/N:32200-000009-RS)	1 x Power cable (P/N: 32100-087100-RS)
1 x KB/PS2 Mouse Y cable (P/N: 32000-000138-RS)	1 x Mini jumper pack
1 x Audio cable (P/N: 32000-000147-RS)	1 x Utility CD
2 x SATA cable (P/N: 32000-062800-RS)	1 x QIG (quick installation guide)
1 x SATA Power cable (P/N: 32100-088600-RS)	

Ordering Information

Part No.	Description
NANO-8522E-800Z-R10	EPIC SBC Intel® Celeron® M 800MHz zero cache processor on board with CRT/LCD,LAN, SATA and Audio
NANO-8522G-R10	EPIC SBC Socket 479 Intel® Pentium® M / Celeron® M processor FSB400Mhz, CRT/LCD,GbE, SATA and Audio
CF-479B-RS	CPU Cooler
32000-070300-RS	USB cable
32200-015100-RS	LPT cable
32200-012100-RS	RS-232/422/485 cable

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