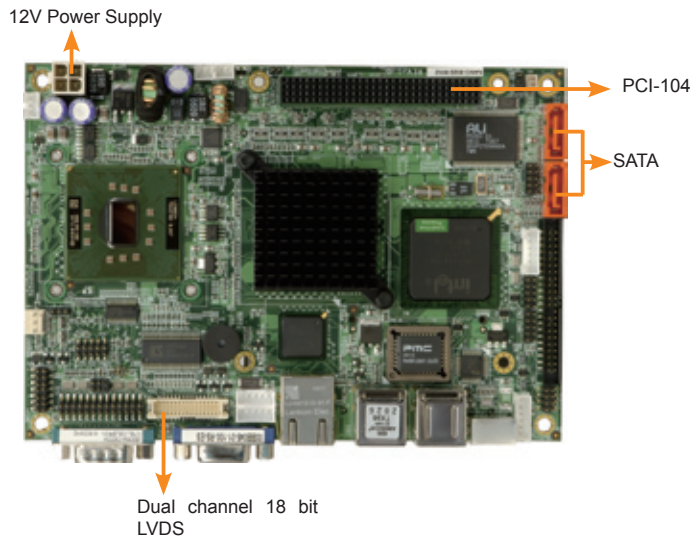
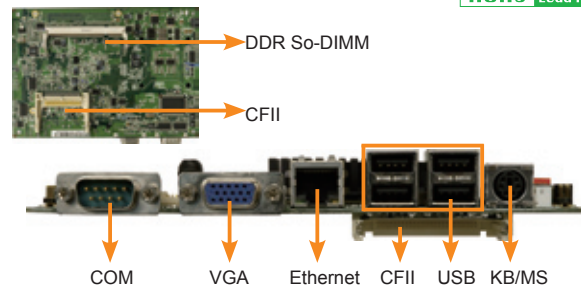


# NANO-8522G

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



## Solder Side



## Feature

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

## Specification



- ◆ **CPU**  
Intel® Celeron® M 1GHz/800MHz zero cache processor  
Socket 479 Intel® Pentium® M/Celeron M with 400MHz FSB up to 2.10GHz
- ◆ **System Chipset**  
Intel® 852GM + ICH4
- ◆ **BIOS**  
AMI BIOS
- ◆ **System Memory**  
1 x 200-pin SO-DIMM DDR 266MHz up to 1GB
- ◆ **Ethernet**  
Intel® 82541PI for GbE with ASF2.0 remote control support  
Intel® 82551ER for 10/100Mbps
- ◆ **I/O**  
2 x SATA-150 with ALI M5283 RAID 0,1 function support  
6 x USB 2.0  
1 x CFII  
3 x RS-232  
1 x RS-232/422/485  
1 x PS/2 for KB/MS  
1 x IDE
- ◆ **Expansion**  
1 x PCI-104 (PCI bus)
- ◆ **Audio**  
Realtek ALC655 with AC'97 codec
- ◆ **Digital I/O**  
8 bit 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 channel 18-bit LVDS integrated in Intel® 852GM
- ◆ **Watchdog Timer**  
Software programmable supports 1-255 sec. system reset
- ◆ **Power Supply**  
+12V only, AT/ATX support
- ◆ **Power Consumption**  
+12V@ 0.96A  
(ULV Intel® Celeron® M 800MHz 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**  
165 mm x 115 mm
- ◆ **Weight**  
GW: 1100 g; NW: 250 g

## 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: 32000-072100-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-1GZ-R10	EPIC SBC with Intel® Celeron® M 1GHz zero cache processor on board with CRT/LCD,LAN, SATA and Audio
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
32200-026500-RS	RS-232/422/485 Cable
32100-052100-RS	ATX Power Cable