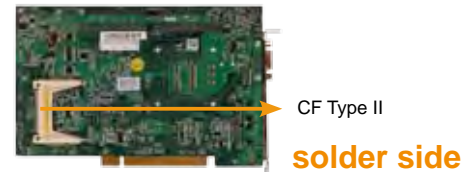
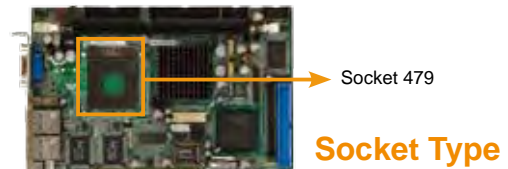
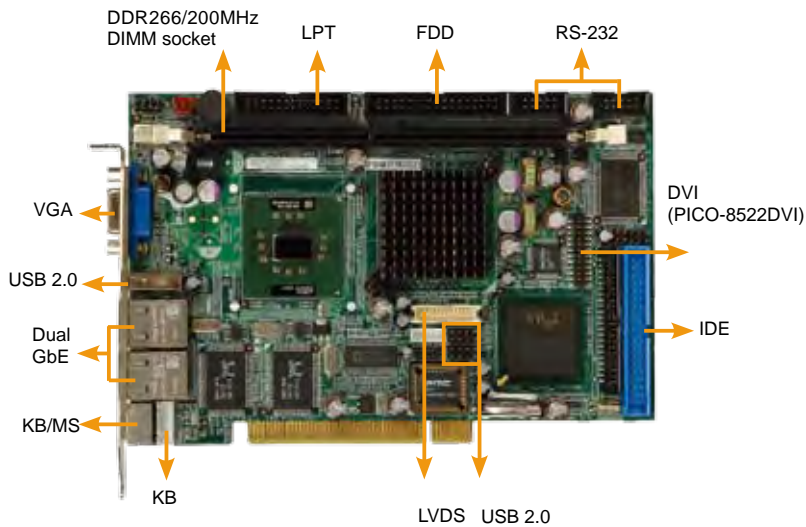


PICO-8522

Half-size PCIe CPU card supports Intel® Pentium® M and Celeron® M processors with a 400 MHz FSB and comes with VGA, LVDS, dual GbE and USB 2.0



Option1: On board ULV Celeron® M 1.0GHz with 0 cache
Option2: On board ULV Celeron® M 600MHz with 512K cache

Specifications

- ◆ CPU
Socket 479: Intel® Pentium® M or Celeron® M with a 400 MHz FSB
On-board: 1 GHz zero cache or 600 MHz 512 KB cache Intel® Celeron® M
- ◆ System Chipset
Intel® 852GM + ICH4
- ◆ BIOS
AMI BIOS
- ◆ System Memory
One 184-pin 1 GB (max.) 200 MHz or 266 MHz DDR SDRAM DIMM supported (system max. 1 GB)
- ◆ Ethernet
Dual Realtek RTL8110SC PCI GbE controllers
- ◆ I/O Interface
2 x RS-232
5 x USB 2.0
2 x IDE
1 X FDD
1 x LPT
1 x 5-pin header for Keyboard
1 x Keyboard and mouse connector (PS/2)
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O
Winbond W83627EHG
- ◆ Audio
5.1 Channel Audio Kit with Realtek ALC655 AC'97 codec
- ◆ SSD
CF Type II
- ◆ Display
VGA integrated in the Intel® 852GM GMCH
18-bit dual-channel LVDS
DVI(DVI models only)
- ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
- ◆ Power Supply
AT and ATX support
- ◆ Power Consumption
5V@4.64A (Celeron® M 1.6G/DDR333 1G)
5V@2.78A (Celeron® M 1G/DDR333 1G)-3D Mark
- ◆ Temperature
Operating: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Humidity
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions
185 mm x 122 mm
- ◆ Weight
GW: 1.0kg

FSB400

DDR266

Dual Display

Gigabit Ethernet

HI-SPEED USB

Features

1. PCI CPU Card, Intel® Pentium® M/ Celeron® M 400MHz FSB
2. One 184-pin 1 GB (max.) 200 MHz or 266 MHz DDR SDRAM DIMM supported (system max. 1 GB)
3. Supports VGA, 18-bit dual channel LVDS and DVI (DVI models only)
4. Two RS232 and five USB 2.0

Packing List

1 x PICO-8522 single board computer
1 x Mini jumper pack
1 x ATA66/100 flat cable (P/N: 32200-000052-RS)
1 x KB/MS Y cable (P/N:32000-000138-RS)
1 x Dual RS232 cable ((P/N: 19800-000051-RS)
1 x USB cable (P/N:CB-USB02-RS)
1 x IO-KIT-001-R20 (DVI model only)
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
PICO-8522-R10	PCI CPU Card Intel® Pentium® M/ Celeron® M FSB 400MHz with VGA/ LVDS Dual GbE, and USB 2.0
PICO-8522-1GZ-R10	PCI CPU Card Intel® Celeron® M 1GHz/ Zero cache FSB 400MHz with VGA/ LVDS, Dual GbE, and USB 2.0
PICO-8522-600-R10	PCI CPU Card Intel® Celeron® M 600MHz 512K cache FSB 400MHz with VGA/ LVDS, Dual GbE, and USB 2.0
PICO-8522DVI-R10	PCI CPU Card Intel® Pentium® M/ Celeron® M FSB 400MHz with VGA/ LVDS, Dual GbE, USB 2.0, and DVI function.
PICO-8522DVI-1GZ-R10	PCI CPU Card Intel® Celeron® M 1GHz/ Zore cache FSB 400MHz with VGA/ LVDS, Dual GbE, USB 2.0, and DVI function.
PICO-8522DVI-600-R10	PCI CPU Card Intel® Celeron® M 600MHz 512K cache FSB 400MHz with VGA/ LVDS, Dual GbE, USB 2.0, and DVI function.
AC-KIT08R-R10	5.1 Channel AC'97 Audio Kit with Realtek ALC655
CF-479B-RS	CPU cooler
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable