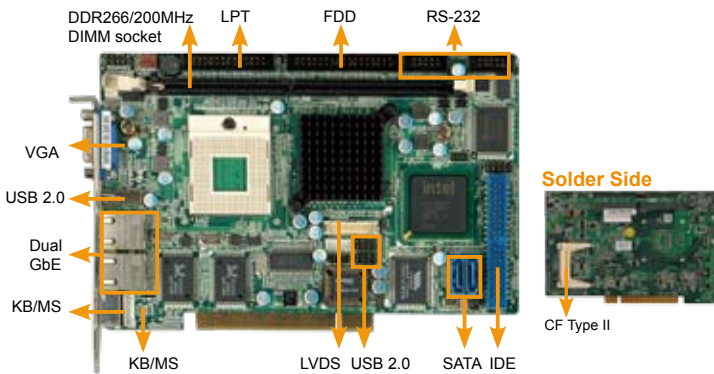


# PICO-8522-R20

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, SATA and USB 2.0



## 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, 18/24-bit dual channel LVDS
4. Two RS232 and five USB 2.0

## 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 SATA with VIA VT6421A RAID 0,1 function  
1 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  
18/24-bit dual-channel LVDS
- ◆ 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

## Packing List

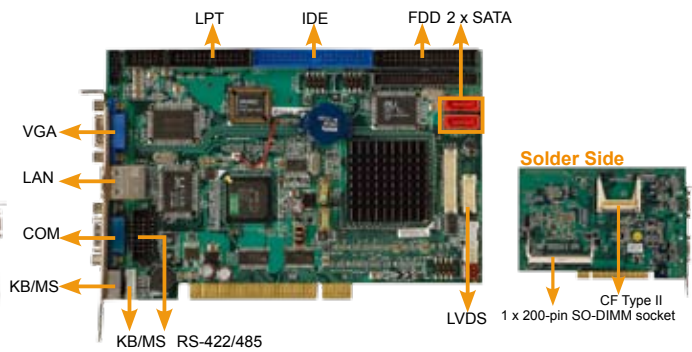
1 x PICO-8522 single board computer	
1 x Mini jumper pack	
1 x ATA66 flat cable (P/N: 32200-000052-RS)	
1 x SATA cable (P/N: 32000-062800-RS)	
1 x KB/MS Y cable (P/N:32000-133200-RS)	
1 x Dual RS232 cable ((P/N: 19800-000051-RS)	
1 x USB cable (P/N:CB-USB02-RS)	
1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
PICO-8522-R20	PCI CPU Card Intel® Pentium® M/ Celeron® M FSB 400 MHz with VGA/ LVDS Dual GbE, SATA and USB 2.0
PICO-8522-1GZ-R20	PCI CPU Card Intel® Celeron® M 1GHz/ Zero cache FSB 400 MHz with VGA/ LVDS, Dual GbE, SATA and USB 2.0
PICO-8522-600-R20	PCI CPU Card Intel® Celeron® M 600MHz 512 K cache FSB 400 MHz with VGA/ LVDS, Dual GbE, SATA and USB 2.0
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

# PICO-LX

Half-size PCI CPU card supports 500 MHz AMD® Geode™ LX 800 and comes with CRT, LCD, LAN USB 2.0, SATA and audio



## Features

1. Half-size PCI CPU card supports an on-board 500 MHz AMD® Geode™ LX800
2. One 200-pin 1 GB (max.) 333 MHz or 400 MHz DDR SDRAM SO-DIMM supported
3. Supports VGA, LVDS and TTL
4. Two RS-232, one RS-422/485 and four USB 2.0

## Specifications

- ◆ CPU  
On-board 500 MHz AMD® Geode™ LX800 processor
- ◆ System Chipset  
AMD® Geode™ LX 800 + CS5536
- ◆ BIOS  
Award BIOS
- ◆ System Memory  
One 200-pin 1 GB (max.) 333 MHz or 400 MHz DDR SDRAM SO-DIMM supported
- ◆ Ethernet  
Dual 10/100 Mbps Realtek RTL8110C Fast Ethernet controllers
- ◆ I/O Interface  
1 x LPT  
1 x FDD  
2 x SATA with ALI M5283 RAID 0,1 function support.  
1 x Keyboard and mouse (PS/2)  
1 x 6-pin header for Keyboard and mouse
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O  
Winbond W83627EHG
- ◆ Audio  
Realtek ALC203 AC'97 codec
- ◆ SSD  
CF Type II
- ◆ Display Interface  
VGA integrated in the AMD® Geode™ LX 800 24-bit TTL  
18-bit single-channel LVDS
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. System reset
- ◆ Power Supply  
AT and ATX support
- ◆ Power Consumption  
5 V @ 1.73 A running a 500 MHz AMD® Geode™ LX 800 processor with a 1 GB 400 MHz DDR DIMM
- ◆ Temperature  
Operating: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Humidity  
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions  
185 mm x 122 mm
- ◆ Weight  
GW: 1.0 kg

## Packing List

1 x PICO-LX single board computer	
1 x Mini jumper pack	
1 x ATA66 flat cable (P/N: 32200-000052-RS)	
1 x RS-232/422/485 cable (P/N:32200-000063-RS)	
1 x Audio cable (P/N: 19800-000111-RS)	
1 x KB/MS Y cable (P/N:32000-023800-RS)	
1 x USB cable (P/N:CB-USB02-RS)	
2 x SATA cable (P/N: 32000-062800-RS)	
1 x SATA power cable (P/N: 32100-088600-RS)	
1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
PICO-LX-800-R10	PCI CPU card AMD® Geode™ LX800 500 MHz with VGA/ LVDS/ TTL, LAN, USB 2.0, SATA and audio
32200-000058-RS	FDD cable
19800-000049-RS	LPT cable

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/Server Solutions

5 Video Capture Solutions

6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/Network/Communication/Peripherals