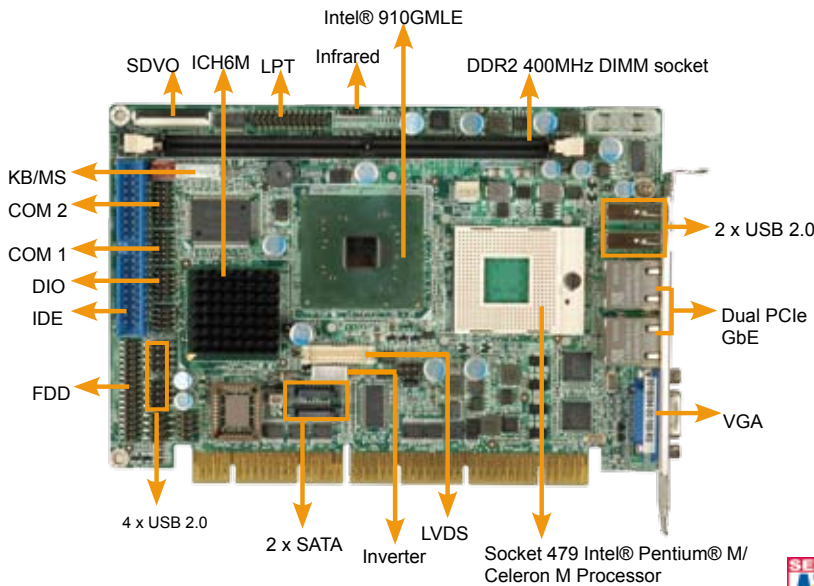


# PCISA-9102

Half-size PCISA CPU card supports Intel® Pentium® M / Celeron® M Processors with a 400MHz FSB and comes with VGA/LVDS, Dual PCIe GbE, SATA, USB2.0 and Audio



CF type I/II  
Solder Side

### CPU type selection

- Option 1 :** Socket 479 Intel® Pentium® M or Celeron M processor with a 400MHz FSB
- Option 2 :** On board ULV Intel® Celeron® M 1.0GHz with 512KB L2 cache
- Option 3 :** On board ULV Intel® Celeron® M 1.0GHz with zero L2 cache



Celeron® M 1G/512KB L2 cache



Celeron® M 1G/zero L2 cache



## Specifications

<b>CPU</b>	Socket 479 Intel® Pentium® M / Celeron® M with a 400MHz FSB or on board Intel® Celeron® M 1GHz 512KB cache or 1GHz zero cache processor
<b>System Chipset</b>	Intel® 910GMLE + ICH6-M
<b>BIOS</b>	AMI Flash BIOS
<b>System Memory</b>	One 240-pin 400MHz single channel DDR2 SDRAM DIMM supported (system max. 1GB)
<b>Ethernet</b>	Dual PCIe GbE Broadcom BCM5787M chipsets
<b>I/O Interface</b>	1 x RS-232 1 x RS-232/422/485 1 x LPT 6 x USB 2.0 (Two on the bracket, four on board) 2 x SATA 1 x IDE 1 x FDD 1 x 6 pin header for KB/MS
<b>Digital I/O</b>	8-bit digital I/O, 4-bit input/ 4-bit output
<b>Infrared interface</b>	1 x Infrared by pin header
<b>Super I/O</b>	Winbond W83627EHG
<b>Display Interface</b>	VGA Integrated in Intel 910GMLE 24-bit dual channel LVDS by Intel 910GMLE
<b>Audio</b>	Support 7.1 channel HD audio or 5.1 channel AC'97 audio by IEI audio kits
<b>SSD</b>	CF type I/II
<b>Watchdog Timer</b>	Software programmable supports 1 ~255 sec. System reset
<b>Power Supply</b>	AT/ATX Power
<b>Power consumption</b>	5V@6.12A, 12V@0.08A (Intel® Pentium® M 745 1.80GHz/400MHz CPU with 1GB DDR2 400MHz)
<b>Temperature</b>	operation: 0°C ~ 60°C ( 32°F ~ 140°F)
<b>Humidity</b>	operation: 5% ~95% non-condensing
<b>Dimension</b>	185 mm x 127.6 mm
<b>Weight</b>	GW: 1000 g / NW: 230 g

## Features

1. Intel® Pentium® M / Celeron® M processor with a 400MHz FSB
2. Single channel DDR2 400MHz SDRAM DIMM memory up to 1GB
3. Support VGA, 24-bit dual channels LVDS with dual display support
4. Dual PCIe GbE, 2 x SATA and CF type II

## Packing List

- 1 x PCISA-9102 Single Board Computer
- 1 x Mini Jumper Pack
- 1 x ATA66 Flat cable (P/N: 32200-000052-RS)
- 2 x SATA cable (P/N: 32000-062800-RS)
- 1 x SATA Power cable (P/N: 32100-088600-RS)
- 1 x RS-232/LPT cable (P/N:19800-000027-RS)
- 1 x USB Cable (P/N: CB-USB02-RS)
- 1 x Utility CD
- 1 x QIG

## Ordering Information

Part No.	Description
<b>PCISA-9102-R10</b>	Half-size PCISA CPU card supports Intel Pentium® M / Celeron® M Processors with a 400MHz FSB and comes with VGA/LVDS, Dual PCIe GbE, SATA, USB2.0 and Audio
<b>PCISA-9102-1GZ-R10</b>	Half-size PCISA CPU card supports Intel Celeron® M 1GHz zero cache Processors with a 400MHz FSB and comes with VGA/LVDS, Dual PCIe GbE, SATA, USB2.0 and Audio
<b>PCISA-9102-1G512-R10</b>	Half-size PCISA CPU card supports Intel Celeron M 1GHz 512KB cache Processors with a 400MHz FSB and comes with VGA/LVDS, Dual PCIe GbE, SATA, USB2.0 and Audio
<b>CF-479B-RS</b>	CPU cooler (50 mm x 50 mm x 26 mm, 50W)
<b>32200-000058-RS</b>	FDD cable
<b>32200-000077-RS</b>	RS-232/422/485 cable with bracket
<b>AC-KIT883HD-R10</b>	7.1 Channel HD Audio Kit with Realtek ALC883 support dual audio streams
<b>AC-KIT08R-R10</b>	5.1 Channel AC'97 Audio Kit with Realtek ALC655
<b>19800-000075-RS</b>	KB/MS cable with bracket