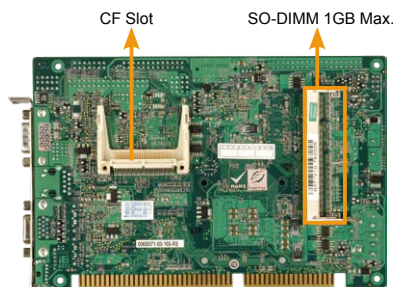
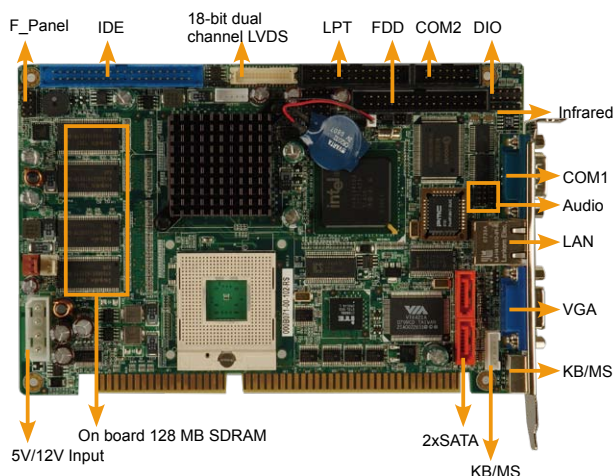


IOWA-8522

Half-size ISA CPU card supports Intel® Pentium® M or Celeron® M processors with a 400 MHz FSB and comes with LVDS, CRT, dual-display function, LAN, SATA with RAID support and USB 2.0



Option1: 1 GHz on-board ULV Celeron® M with 0 cache
Option2: 600 MHz on-board ULV Celeron® M 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 Label
- ◆ Memory
 - 128 MB on-board DDR SDRAM
 - One 200-pin 1 GB (max.) 200 MHz or 266 MHz DDR SDRAM SO-DIMM supported
- ◆ Ethernet
 - Intel® 82562ET 10/100 Ethernet controller
- ◆ I/O Interfaces
 - 1 x RS-232
 - 1 x RS-232/422/485
 - 4 x USB 2.0 (by header)
 - 1 x LPT
 - 1 x FDD
 - 1 x Infrared Interface
 - 1 x 6-pin wafer on board for KB/MS
 - 2 x SATA with VIA VT6421A RAID 0, 1 function
 - 1 x IDE
- ◆ Digital I/O
 - 8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Audio
 - On board pin header supports 5.1 channel output via IEI audio kit
- ◆ SSD
 - CF Type II
- ◆ Display
 - 18/24-bit dual-channel LVDS
 - Analog CRT
- ◆ WDT
 - Software programmable support 1~255 sec. system reset
- ◆ Power Supply
 - 5 V or 12 V
- ◆ Power Consumption
 - 3.3 V @ 0.01 A, 5 V @ 5.29 A, 12 V @ 0.13 A running 3D Mark 2001SE with a 2 GHz 128 MB Intel® Pentium® M and one 1 GB DDR DIMM
- ◆ Temperature
 - 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
 - 5%~95% non-condensation
- ◆ Dimensions
 - 185 mm x 122 mm

FSB 400

DDR266

Dual Display

Features

1. Supports Intel® Pentium® M or Celeron® M processors with 400MHz FSB
2. On-board 128MB DDR SDRAM and SO-DIMM DDR support up to 1GB
3. Analog CRT, 18/24-bit dual channel LVDS output and dual display supported
4. One RS-232, one RS-232/422/485 and four USB 2.0
5. Two SATA with RAID 0, 1

Packing List

1 x IOWA-8522-R10 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 Dual RS-232 cable (P/N:19800-000051-RS)
1 x SATA power cable (P/N:32100-088600-RS)
1 x KB/MS Y cable (P/N: 32000-000138-RS)
1 x USB cable (P/N: CB-USB02-RS)
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
IOWA-8522-R10	Half Size ISA CPU card with Intel® Pentium® M / Celeron® M at 400 MHz FSB, LVDS/CRT for dual display, LAN, SATA with RAID, USB 2.0
IOWA-8522-1GZ-R10	Half Size ISA CPU card with Intel® Celeron M 1GHz / Zero Cache, LVDS/CRT for dual display, LAN, SATA with RAID, USB 2.0
IOWA-8522-600-R10	Half Size ISA CPU card with Intel® Celeron® M 600MHz / 512 K cache, LVDS/CRT for dual display, LAN, SATA with RAID, USB 2.0
AC-KIT08R-R10	5.1 channel audio kit with realtek ALC655 AC'97 Codec
19800-000049-RS	LPT cable
32200-000017-RS	FDD cable
19800-000075-RS	KB/MS cable with bracket
CF-479B	CPU cooler

1
Industrial Computing Solutions2
Embedded Computing Solutions3
RISC-Based Embedded Solutions4
Industrial Data Collector/Server Solutions5
Video Capture Solutions6
I/O Communication Solutions7
Panel Solutions8
Power Supply/Network Communication/Peripherals