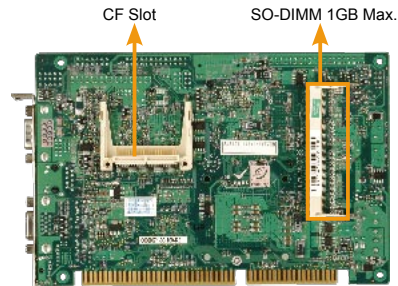
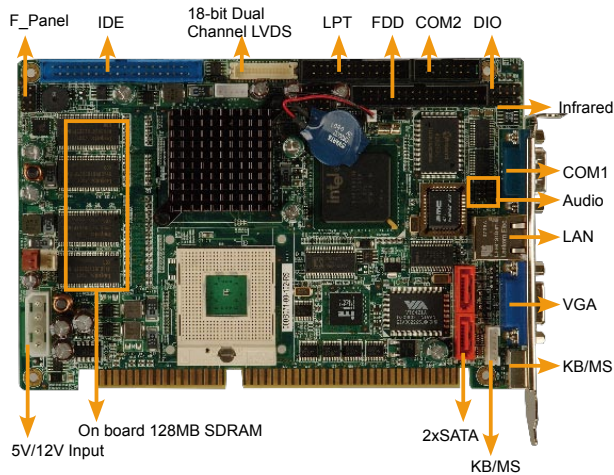


IOWA-8522

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 connector
 - 1 x 6-pin wafer on board for KB/MS
 - 2 x SATA II with RAID 0, 1function
 - 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-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
- ◆ Dimension
 - 185 mm x 122 mm

FSB 400

DDR266

Dual Display

HI-SPEED CERTIFIED USB Fanless

Features

1. Supports Intel® Pentium® M or with 852GME Platform
2. On board Memory , SATA RAID & Dual Displays
3. 8/16-bit ISA with DMA support
4. Versatile Backplanes for Option

Packing List

1 x IOWA-8522-R10 single board computer
1 x Mini jumper pack
1 x ATA66/100 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 400MHz 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 / 512K 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

Application Server Platform

2

Single Board Computer

3

IBX Series POS PC

4

AFOLUX POS Panel PC

5

Video Capture Card

6

KAMIO RISC

7

IOVU Open HMI

8

VITO Universal Controller

9

DINO BLADE

10

LCD Product Series

11

Embedded System

12

Industrial Computer Chassis

13

Power Supply

14

Peripherals