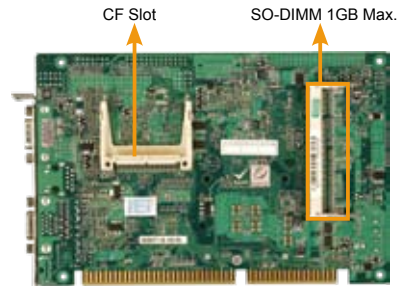
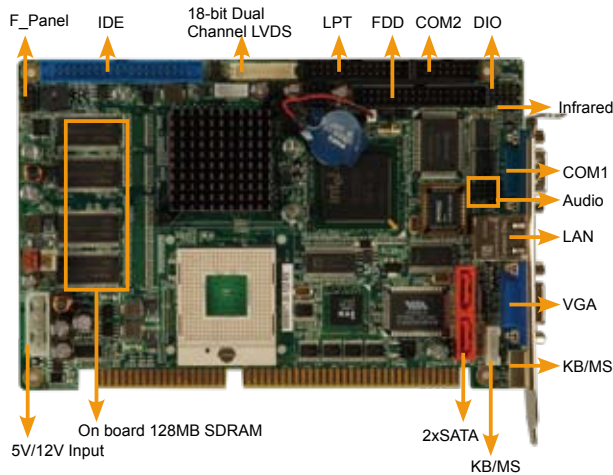


IOWA-8522

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

MI-SPEED USB Fanless

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-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 ATA66/100 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
Platform2
Single
Board
Computer3
IBX Series
POS PC4
AFOLUX
POS
Panel PC5
Video
Capture
Card6
KAMIO
RISC7
IOVU
Open HMI8
VITO
Universal
Controller9
DINO
BLADE10
LCD
Product
Series11
Embedded
System12
Industrial
Computer
Chassis13
Power
Supply14
Peripherals