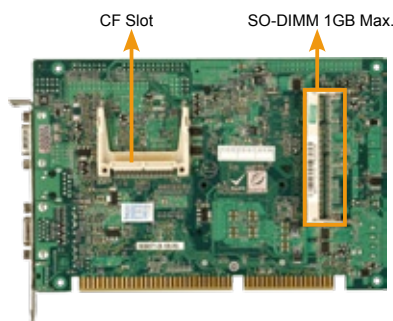
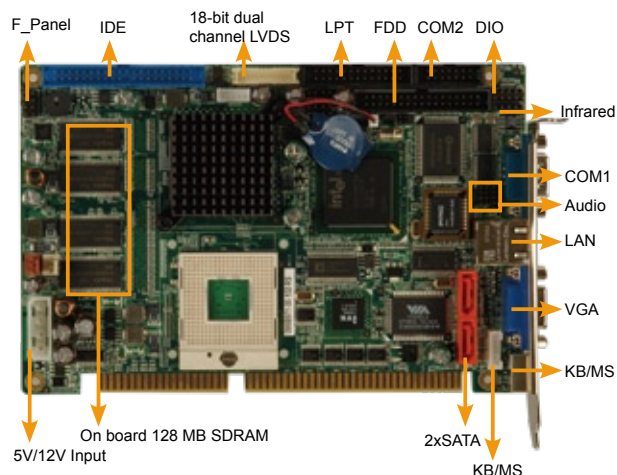


IOWA-8522

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
1 x CF Type II
- ◆ 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
- ◆ Display
18/24-bit dual-channel LVDS
Analog CRT
- ◆ Watchdog Timer
Software programmable support 1~255 sec. system reset
- ◆ Power Supply
5V/12V, AT/ATX support
- ◆ Power Consumption
5 V @ 5.29 A, 12 V @ 0.13 A Intel® Pentium® M 2.0G/1GB DDR SDRAM
- ◆ 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

HI-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, 18/24-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
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

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)	
1 x RS-232/422/485 cable with bracket (P/N: 19800-000082-RS)	
1 x SATA power cable (P/N: 32102-000100-100/200-RS)	
1 x KB/MS Y cable (P/N: 32000-133200-RS)	
1 x USB cable (P/N: CB-USB02-RS)	2 x SATA cable (P/N: 32000-062800-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
19800-000400-100-RS	LPT cable
32200-000017-RS	FDD cable
19800-000075-RS	KB/MS cable with bracket
CF-479B-RS	CPU cooler

1
Industrial
Computing
Solutions2
Embedded
Computing
Solutions3
Industrial Data
Collector and Controller4
Video
Capture
Solutions5
I/O
Communication
Solutions6
Panel
Solutions7
ORing
Network
Communication8
Power Supply/
Peripherals