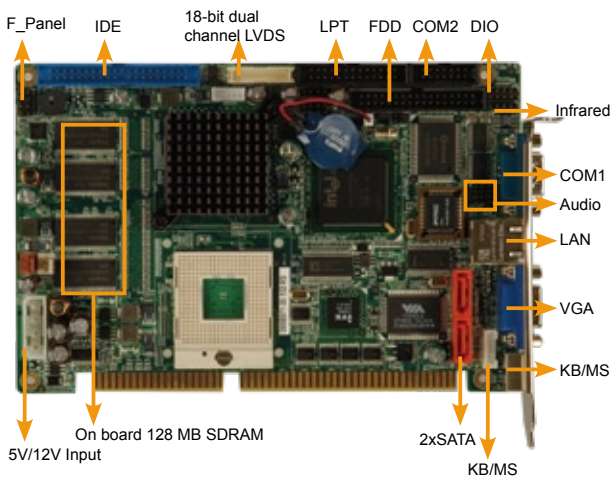
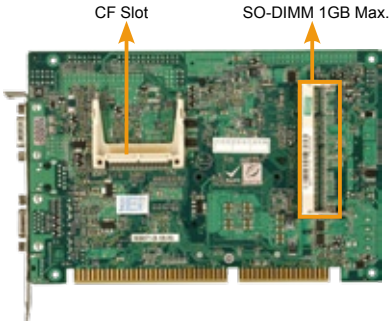
IOWA-8522

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

FSB 400 | DDR266 | Dual Display | USB | Fanless

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-condension
- Dimensions
  185 mm x 122 mm

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