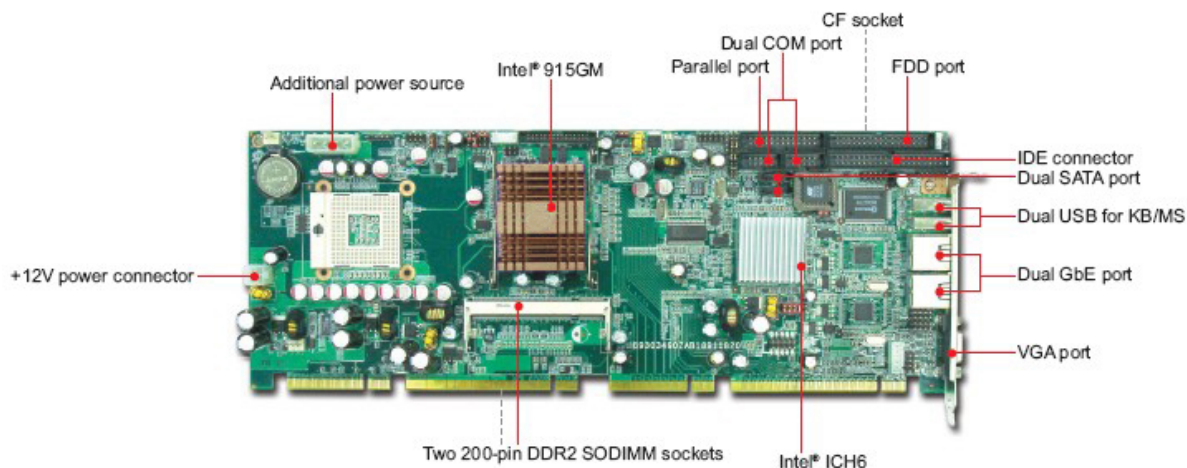


SpottedRay

mPGA479M Pentium & M or Celeron® M PICMG 1.3 SBC



Ordering Information

SpottedRAY-VG2A

Socket mPGA479M Pentium® M or Celeron® M processor based PICMG 1.3 SHB with DDR2 SDRAM, VGA, Gigabit Ethernet and Audio and USB

Options

Multimedia kit w/audio, TV-out, USB ports, and PS/2 keyboard/mouse connectors on bracket (Call your local sales contact for availability)

Specifications

Microprocessor

- Intel® Pentium® M or Celeron® M processor in the mFCPGA package
- FSB: 533/400MHz

Chipset

- Intel® 915GM and ICH6

System Memory

- Up to 2GB DDR2 533/400 SDRAM on two 200-pin DIMM sockets

BIOS

- Award BIOS

Display

- Intel® 915GM integrated Intel Graphics Media Accelerator 900 (Intel GMA 900)
- Dynamic share system memory up to 224MB (Intel® DVMT 3.0) or static share system memory up to 128MB
- Display resolution up to 2048x1536 @ 85Hz refresh
- Provide incredible visual quality, smooth video playback, and support for key 3D features
- Capability to drive CRT, LVDS panel and TV-out

Ethernet

- 10BASE-T/100BASE-TX/1000BASE-T Ethernet
- Dual RJ-45 connector with two LED indicators

Audio

- AC'97 2.3 Audio

PCI Express Interface

- One PCI Express x16
- Four PCI Express x1

PCI

- Four PCI master

EIDE

- Support two EIDE devices with Ultra DMA 100/66/33

Solid State Disk

- One Type II CF socket; One Primary EIDE channel

I/O

- Support four SATA 150 drives
- Two serial, one parallel, one IrDA and eight USB 2.0 ports (two ports on bracket for keyboard & mouse)
- 8 high driving GPIO (programmable GPI or GPO)

ACPI

- Modem-Ring-On and Wake-On-LAN

Hardware Monitoring

- System monitor (fan, temperature, voltage)

Watchdog Timer

- Software programmable from 0.5 sec. to 254.5 min

Power Requirements

- TBA

Operating Environments

- Operating temperatures: 0°C to 60°C
- Storage temperatures: -20°C to 80°C
- Relative humidity: 5% to 90% (non-condensing)

Dimensions

- 338.5mm(L) x 122mm(W)

Certification

- CE approval
- FCC Class A