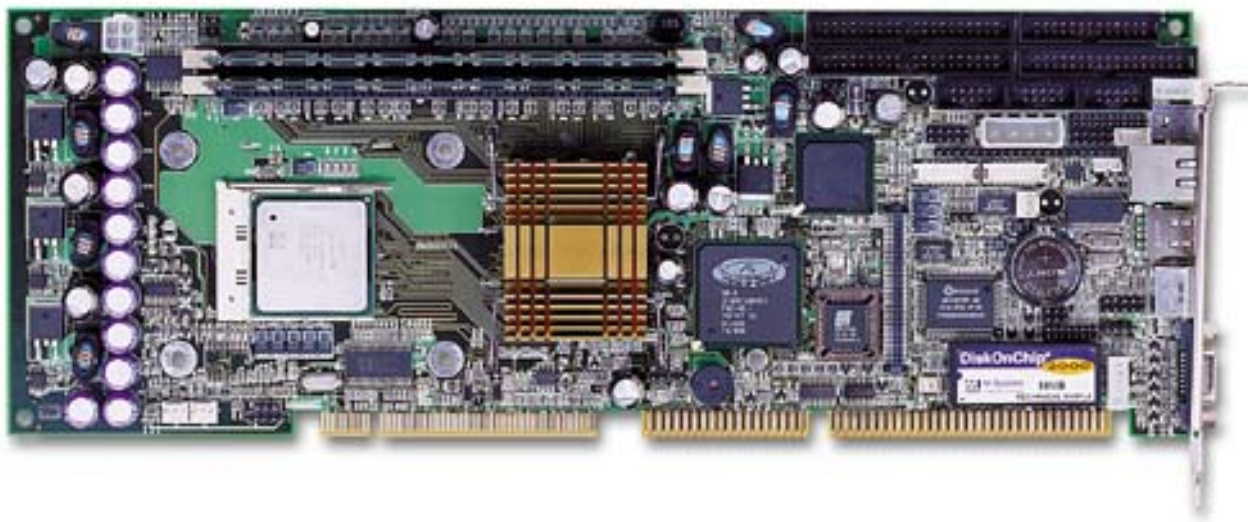


GreenRay

Intel® Pentium® 4 or Celeron® full size SBC



Ordering Information

GreenRAY-VLA

Socket 478 Pentium®4 processor based PICMG SBC with DDR SDRAM, AGP 4X VGA, fast Ethernet and audio

Options

Multimedia kit w/audio, TV-out, USB ports, and TMDS adapter cable for DVI interface to flat panel (Call your local sales contact for availability)

Specifications

Microprocessor

- Intel® Pentium® 4 or Celeron® processor in the m-478 package
- FSB: 533/400MHz

Chipset

- Intel® 845E and ICH2

System Memory

- Up to 2GB DDR2 266/200 SDRAM on two 184-pin DIMM sockets
- ECC support

BIOS

- Award BIOS

Display

- ATI Mobility M6 graphics controller
 - 16MB display memory
 - TMDS & LVDS interfaces support
 - Dual View support
 - TV out

Ethernet

- 10BASE-T/100BASE-TX Ethernet
- IEEE 802.3u auto-negotiation support
- One RJ-45 connector with two LED indicators

Audio

- AC'97 2.2 Audio

ISA Bus

- 64 mA high driving ISA bus interface to backplane

EIDE

- Four EIDE devices with Ultra DMA 100/66/33

Solid State Disk

- DOC socket for up to 384MB

I/O

- Two serial, one parallel, one IrDA and three USB 1.1 ports (one on bracket)
- 8 high driving GPIO (4 GPI, 4GPO)
- One 6-pin mini-DIN connector for keyboard and mouse
- One 5-pin header for external keyboard connection

ACPI

- ATX function with 4-pin header connect to backplane
- 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

- Typical: (+5V/3.7A) (+12V(CPU)/2.7A) (+12V (system)/0.6A)

Operating Environments

- Operating temperatures: 0°C to 50°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