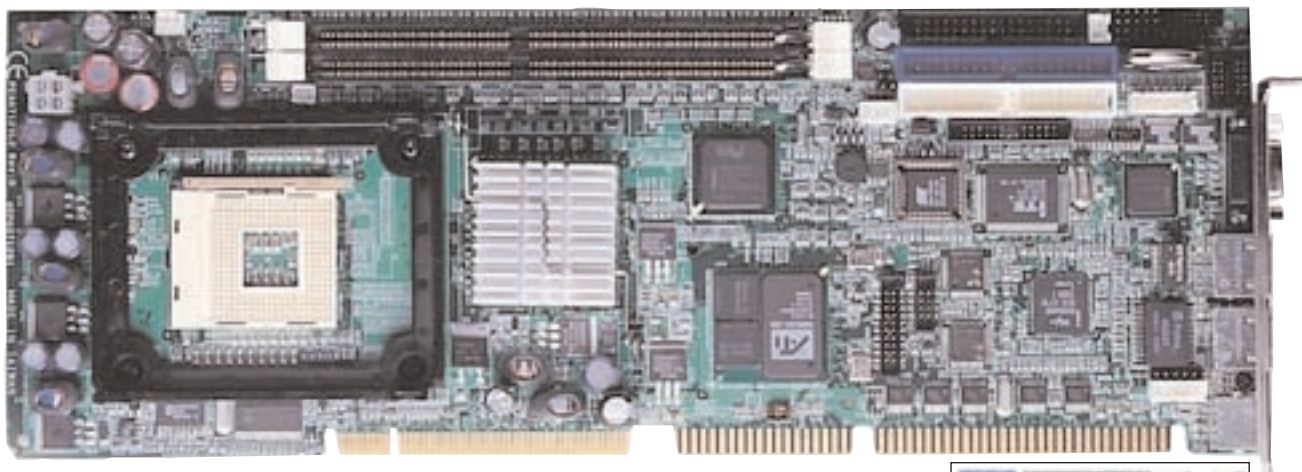


DeltaRay

Intel® P4 full size Socket 478 w/VGA/Dual LAN/DDR



Ordering Information

DeltaRAY-VL2

Full-sized socket 478 Intel®Pentium® 4 processor w/VGA/DDR/Dual LAN (Intel® 82559 x2)

DeltaRAY-VL2G

Full-sized socket 478 Intel®Pentium® 4 processor w/VGA/DDR/Dual LAN (Intel® 82559 + Intel® 82540)

Options

Pentium 4 (Call your local sales contact for availability)

DDR Memory Options

64MB DDR DIMM
128MB DDR DIMM
256MB DDR DIMM
512MB DDR DIMM
1 GB DDR DIMM

Specifications

System Architecture

- Full size SBC PICMG 1.0 (rev.2.0) compliant
- AGP 2.0 compliant
- PCI V2.2 compliant

Microprocessor

- Intel® Pentium® 4 processor with 256K/512K L2 cache on die
- Socket 478 CPU featuring 400MHz/533MHz system bus, CPU speed up to 2.4GHz+

Chipsets

- Intel® 845E (MCH)
- Intel® 82801x 1 I/O Controller Hub (ICH2)
- Firmware Hub (FWH) 4M bits flash ROM x1
- PCI V2.2 compliant

Dynamic Ram

- DDR DIMM x 2 Support Max Memory size up to 2GB (DDR200/DDR266)
- ECC support (single bit error correction/Multiple bit errors reporting)
- Only support for (No Registered) DIMM

BIOS

- AWARD SYSTEM BIOS, PlugN'Play support
- Advanced Power Management support
- Advanced configuration & Power Interface support 2/4M bits flash ROM

Onboard VGA

- ATI M7-CSP VGA Controller, 1.5V AGP 4X Interface
- 32MB VGA Memory on die
- Fully PC 98, PC 99, PC 2001 Compliant
- 15 pin CRT connector x1
- DVI (TMDS) box header x1
- TV-out pin header x1
- Support dual independent display (DVI/CRT, DVI/TV, CRT/TV)

Onboard LAN

- Intel® 82559 controller x1 +Intel® 82540 controller x1
- 10 Base T/100 Base TX support, full duplex; Intel® 82540 support for 10 Base T/100 Base TX /(1000Base-T for DeltaRay-VL2G only)
- Compliant with IEEE802.3, IEEE 802.3u, IEEE802.3x, IEEE802.3y, IEEE802.3ab
- Drivers support: DOS/Windows® , Windows® 95/98/2000, Windows® NT, Netware 5.0, Linux
- RJ45 with LED connector x 2

System monitoring

- Derived from Super IO ITE 8712F-A to support system monitor
- 8 voltage (For+1.8V, +3.3V, +5V, -5V, +12V, -12V, Vcore and Vcc5V Stand-By)
- One Fan speed for CPU
- Temperature x 2 (one for CPU internal use, another for external system use)

Power Requirements

- Voltage Maximum (+5V/10A) (+12V/12A) (-12V/ 500mA)

Operating Environments

- Operating temperatures: 0°Cto 60°C
- Storage temperatures: -20°C to 80°C
- Relative humidity: 10% to 90% (non-condensing)

Dimensions

- 338.58mm(L) x 122mm(W)

Certification

- CE approval
- FCC Class A