

## NASA-6379VL



### General specifications

#### Chipset

Intel 82440BX AGPset

#### BIOS

Award 2Mb ACPI Flash BIOS with ECC supported

#### CPU

Intel P-III Coppermine & Celeron socket 370 CPU up to 1GHz Mhz

**Cache**L2 cache integrated in CPU with ECC supported

**Memory**3 x DIMM SDRAM up to 768MB, support ECC/ Parity check

**LAN** Intel 82559 support 10/100 Mbps auto switch with RJ-45 port

**VGA**ATI RagePro Turbo 3D, 4MB SGRAM support 2X AGP CRT monitor

**DOC/DOM**support DiskOnChip 4 - 144MB; DOM : 4MB -160MB

**Flash Disk** Supports 2.5" Flash Disk from 4MB up to 2GB

**Multi I/O** Winbond W83977TF, FDD/IDE/SPP/EPP/ECP,PS2 Mouse, K/B

#### Serial port

2 x RS-232 ports

**USB & IrDA** 2 x USB ports and 1 IrDA port

#### PC104 socket on board

**Hardware Monitor** CPU / system temperature, power, voltage, Fan speed

**Watchdog timer** 4 levels from 10 ~ 80 secs.

#### Power management

support PC98/99 ACPI, 6-pin ATX power header

#### Power supply voltage

7A at +5V and 300mA at +12V, 100mA at -12V

#### Operating temperature

0 ~ 60° C \* Storage Temp: -20° ~ 85° C

#### Board Size

13.3" x 4.88" (338 x 122 mm) standard PICMG size

## NASA-6383DVLL



### General specifications

#### CPU

Dual Coppermine P-III and Celeron Socket 370 CPU up to 1.1 GHz+, ZIF socket. Support 66/100 MHz FSB (Front Side Bus) Dual 1GHz CPU can reach up to 1.7GHz

#### System chip

Intel 82443BX chipset

**Cache**Built in CPU supporting ECC function

**BIOS** Award ACPI BIOS, 2M-bit (Flash) EEPROM

#### RAM

4 x 168-pin DIMM socket support PC100 SDRAM, VCM SDRAM or ESDRAM up to 2GB

**VGA**AGP-2X CRT, ATI Rage XL 3D with 8MB 3D SGRAM on board supporting 1280x1024 res. and DVD MPEG-2 full speed DVD playback.

#### LAN x 2

Dual Intel 82559 high 100/10M LAN

#### Server LAN

advanced Server Adapter Feature like Adaptive Load Balancing, Port Fault tolerance and Intel Link Aggregation for Server applications.

Both PXE and RPL Remote boot code are integrated into BIOS.

**USB and IrDA:** 2 x USB and 1 IrDA

**Hardware monitoring** Temperature/voltage/fan

**SSD** DOC socket and optional CF-2 socket

**Bus type** PC/104 socket and PICMG bus

**ISA bus high drive capability** Optional

**Speaker** Buzzer on Board

**CMOS Backup** Backup by Li battery

**PS/2 Keyboard** 5-pin JSP header and 6-pin mini-DIN

**PS/2 Mouse** 6-pin mini-DIN (PS/2 mouse + PS/2 KB)

UDMA 66/33 IDE x 2 port: 4 x IDE devices

**FDD**Two 3.5" or 5.25" FDD or LS120

#### Parallel Port

One bi-directional SPP/EPP/ECP port

#### 2 x COM ports

RS-232 x 3 + RS-232/422/485 x 1 (Serial port support +5V & +12V voltage)

**WDT** Programmable 10 ~ 80 seconds.

**Power Requirement** ATX power connector

**Dimension** 338.5mm x 122mm, 6-layer PCB

**Operating Temperature** 0 to 60°C (140°F)