

Shuttle MV43/N

VIA P4M266 based Micro ATX motherboard

Intel Pentium 4 / Celeron

Hot Feature Highlight

Processor

Supports Intel Pentium 4 / Celeron 478-pin processor at 400MHz processor side bus (PSB) speed

Graphics

Built in high performance S3 Pro-Savage 3D Graphics Controller.

USB 2.0

One EHCI high-speed USB 2.0 controller built in VIA VT 8235 to support 6 functional USB 2.0 ports

Fast Ethernet (MV43N only)

On board VIA VT6103 Phy supports 10 Mb/s and 100 Mb/s LAN operation.



Specification

Processor

- Intel Pentium 4 / Celeron in the 478 pin package with 400MHz FSB

Chipsets

- VIA P4M266+VT8235
- Support Pentium 4 System bus
- Support DDR200/266 DDR SDRAM or PC100/133 SDRAM interface
- Built in S3 3D Graphics Engine
- Built in EHCI USB 2.0 controller

Memory

- 2 x 184 pin DDR SDRAM DIMM slots, 2x168 pin SDRAM DIMM slots.
- Support PC1600/2100 compliant DDR SDRAM , PC100/133 compliant SDRAM up to 2GB capacity

VGA

- Built in high performance S3 Pro-Savage 3D Graphics Controller.

AGP

- Support AGP 1.0/2.0, 3.3V/1.5V , 2X/4X mode

PCI slot

- 2 32bit/33MHz PCI slots

CNR slot

- 1 Communication and Network Riser slot

Audio

- On board AC97 two channel audio

Fast Ethernet (MV43N only)

- On board VIA VT6103 supports 10 Mb/s and 100 Mb/s LAN operation

I/O Interface

- 2 x UltraDMA/133 Bus Master IDE Ports from VT8235
- 1xFDD port
- 1 PS/2 Keyboard Port
- 1 PS/2 Mouse Port
- 6 USB2.0 Ports
- 1 Serial Port
- 1 VGA Port
- 1 Parallel Port (SPP, EPP, ECP)
- 1 Game / MIDI Port
- 1 Line in, 1x Line out, 1x Mic
- 1 LAN Port (MV43N only)
- 1 Front panel Line-out/Mic-in header
- IrDa port
- 1 x 20 pin ATX power connector

BIOS

- AMI PnP BIOS
- Stored in 2 Mb flash memory
- Bootable from Floppy, ATAPI device, USB device, SCSI device

Form Factor

- Micro ATX (244mm x 244mm)