

Shuttle AV49/N

VIA P4X400 based Pentium 4 motherboard

Hot Feature Highlight

Processor

Supports Intel Pentium 4 / Celeron 478-pin processor at 400/533MHz processor side bus (PSB) speed

DDR400 ready

Support advance high performance DDR 400

AGP 8X

Support high performance and 533MHz high bandwidth AGP 8X mode

USB 2.0

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

Fast Ethernet (AV49N only)

On board Realtek 8100B supports 10 Mb/s and 100 Mb/s LAN operation.

Hyper-Threading technology

Support Intel new technology base on Processor have two logical processor

8X V-Link

Built in high bandwidth 533MB/S V-link Host controller



Specification

Processor

- Intel Pentium 4 / Celeron in the 478 pin package with 400/533MHz FSB

Chipsets

- VIA P4X400+VT8235
- Support Intel Hyper-Threading technology
- Support Pentium 4 System bus
- Support DDR200/266/333/400 DDR SDRAM interface
- Built in EHCI USB 2.0 controller

Memory

- 3 x 184 pin DDR SDRAM DIMM Slots
- Support PC1600/2100/2700/3200 compliant DDR SDRAM up to 3GB capacity
- None ECC support

AGP

- 1 AGP V2.0/V3.0, 1.5V/0.8V , 4X/8X mode slot

PCI slot

- 5 32bit/33MHz PCI slots

Audio

- On board Realtek ALC650 six channel audio

Fast Ethernet (AV49N only)

- On board VIA VT 6103 supports 10 Mb/s and 100 Mb/s LAN operation

I/O Interface

- 2 x UltraDMA100/133 Bus Master IDE Ports from VT8235
- 1xFDD port
- 1 PS/2 Keyboard Port
- 1 PS/2 Mouse Port
- 6 USB2.0 function Ports
- 2 Serial Port
- 1 Parallel Port (SPP, EPP, ECP)
- 1 Game / MIDI Port
- 1 Line in, 1x Line out, 1x Mic
- 1 LAN Port (Av49N only)
- IrDa
- SPDIF IN/OUT
- 1 x 20 pin ATX power connector
- 1 x 4 pin 12V ATX power connector
- 1 x 6 pin 5V/3.3V ATX power connector

BIOS

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

Form Factor

- ATX (305mm x 190mm)