

- **CPU: VIA low power 733Mhz Eden CPU**
- Embedded in VT8601 chipset with 2MB to 8MB (32MB) shared memory architecture
- Realtek **RTL8100C** chipset, supports **10/100 Base-T**
- Audio chipset on board..
- Built-in **2 USB** ports with 10-pin 2.54mm header



### **Specification:**

- \* **CPU:** 300~800MHz **VIA Eden** CPU. (**400/733MHz** for standard)
- \* **System Chipset:** VIA VT8606/**VT8601** + **VT82C686B**.
- \* **Bus Interface:** Stack-Through PC/104.
- \* **RAM Memory:** One 144-pin **So-DIMM socket** supports up to **512MB** PC133 SDRAM.
- \* **Cache Size:** Internal 64KB or above L2 cache inside the CPUs.
- \* **Watchdog:** Software programmable.
- \* **VGA Display:** Embedded in VT8601 chipset with 2MB to 8MB (32MB) shared memory architecture.  
CRT – 10-pin 2.0mm IDC connector.
  
- \* **Ethernet:** Realtek **RTL8100C** chipset, supports **10/100 Base-T** with 10-pin 2.54mm PIN Header.
- \* **Super I/O:** **2 PCI IDE** – One 44-pin 2.0mm IDC connector.  
**Serial Port 1** – Supports RS-232.  
**Serial Port 2** – Supports RS-232.  
**1 Parallel** – Supports SPP/EPP/ECP mode.
- \* **Keyboard/Mouse:** **PS/2 compatible** with 6-pin 2.0mm IDC connector.
- \* **USB:** Built-in **2 USB** ports with 10-pin 2.54mm header.
- \* **Audio:** Provides one 12-pin 2.0mm IDC connector for **AC97** signals.
- \* **BIOS:** 256KB **AMI flash BIOS** (including VGA BIOS).
- \* **H/W Monitoring:** Supports CPU temperature and Main/Aux. powers monitoring.
- \* **RTC & CMOS RAM:** Embedded **on-board Lithium battery**
- \* **Speaker:** Supports 2-pin 2.54mm header for external speaker.
- \* **Headers:** 2-pin – Reset

### **NAGASAKI IPC Technology**

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- \* **Power Connector:** 4-pin 2.5mm JAE
- \* **LED Indicator:** On-Board PWR/WD LED and header for PWR/WD and HDD LEDs.
- \* **Power Req.:** **+5V only** – 2.4A maximum. (Based on 400 MHz CPU)
- \* **BUS Drive Cap.:** **ISA** – 6 TTL level loads maximum.
- \* **EMI Considered:** Add EMI components to CRT, and USB ports.
- \* **Dimensions:** PC/104 form factor, **90.2 mm x 95.9 mm** (3.550" x 3.775").
- \* **Key Points:** **Fanless** operation with passive heat sink only.

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