

## **NAGASAKI IPC Technology**

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### **NASA-6600VL**

**PIII Grade Half size ISA bus Low Power CPU Card with 667Mhz CPU processor/  
VGA/LCD/LVDS, USB, LAN, Audio**

#### **Specifications**

CPU	Low Power VIA Eden 667MHz (Optional 800MHz or up) CPU (EBGA)
Chipset	VIA VT8606 and VIA VT82C686B
Bus Interface	ISA and Non-stack through PC/104
RAM Memory	OnBoard 64MB (OnBoard 128MB optional) and 1 SoDIMM socket for expansion up to 512MB, Total up to 640MB maximum
Cache Size	Internal 64KB or above L2 cache inside the CPUs
Watchdog	Software programmable
VGA/LCD Display	VT8606 embedded with selectable 4/8/16/32MB shared memory, support CRT , TTL LCD and LVDS LCD
Ethernet	Realtek RTL8100 chipset, 10/100 Base-TX with RJ-45 connector
I/O	2 IDE ports (40 and 44-pin) for up to 4 IDE devices, 1 bootable CompactFlash socket, 1 FDC, 1 Parallel, 1 RS-232, 1 RS-232/422/485, PS2 Keyboard/Mouse, 2 USB (V1.1)
TTL I/O	2 Inputs and 2 Outputs
BIOS	256KB AMI flash BIOS including VGA BIOS and LAN boot-ROM
RTC & CMOS	OnBoard Lithium battery and optional E2KEY for safe CMOS data keeping
RAM	

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H/W Monitoring	Powers and Fan speed monitoring
Power connector	6-pin 2.5mm JST for stand alone operation
Power Reg	+5V @ 3.2A max. and +12V @ 0.2A max. Based on 667MHz CPU
Dimensions	Compact size, 185 mm x 122 mm
Operating Temperature	0 ~ 50°C with heat sink, 50 ~ 60°C with cooling fan
Optional Add-On	Offering Audio I/O adapter board with on board connectors and bracket