

## EES-3410/ EES-3412

NS Geode GX1 Micro PC



### FEATURES

- Palm Size (106 x 178 x 65 mm)
- NS Geode GX1-300 MHz low-power CPU
- Dual 10/100Base-Tx Fast Ethernet
- DB-15 VGA Interface
- Compact Flash Type I/II Socket with ejector
- 2 COMs/2 USB/1 Parallel port
- Single 5V operation

### Ordering Information

- EES-3410  
NS Geode GX1 300MHz Micro PC with Dual Intel 82559ER 10/100Base-Tx Fast Ethernet Controllers
- EES-3410L  
As above with Single Ethernet
- EES-3412  
NS Geode GX1 300MHz Micro PC with Dual Realtek RTL8139C 10/100Base-Tx Fast Ethernet Controllers
- EES-3412L  
As above with Single Ethernet

### SPECIFICATIONS

#### System Kernel

CPU	Onboard NS Geode GX1 300 MHz
BIOS	Award 256K Flash BIOS
Chipset	NS Geode CS5530A
I/O Chipset	Winbond W83977F-A
Memory	Onboard one 144-pin SODIMM socket supports up to 256MB SDRAM
Storage	Internal drive bay for 2.5-in HDD x 1
Parallel port	Configured to LPT1, LPT2, LPT3 or disabled. Supports SPP, ECP and EPP modes
Serial port	Two external DB-9 connectors supports 2 x RS-232.
KB/Mouse connector	External mini-DIN PS/2 Keyboard/Mouse connector x1
USB connectors	USB Type A connector x 2, USB 1.0 compliant
Watchdog timer	Can generate a system reset, IRQ15 or NMI. Software selectable time out interval (16 sec~127min, 30sec./step)

#### Flat Panel/CRT interface

Chipset	NS Geode CS5530A
Display memory	Shared display memory up to 4MB
Display type	DB-15 connector x 1
Resolution	Supports up to 1024 x 768 @ 24 bpp non-interlaced CRT

#### Audio Interface

Chipset	NS Geode CS5530A
Audio controller	AC97 ver. 2.0 compliant interface
Audio interface	Mic in, Line in, Line out audio jacks

#### Ethernet Interface

Chipset	EES-3410: Dual Intel 82559ER 10/100Base-Tx Ethernet controllers
Ethernet interface	EES-3412: Dual Realtek RTL8139C 10/100Base-Tx Ethernet controllers RJ-45 interface x 2

#### SSD Interface

One CF socket supports Type I / II Compact Flash Card

#### Mechanical and Environmental

Power adaptor	AC 90V ~ 264V input DC 5V output
Operating temperature	0 to 40°C
Dimensions	106mm x 178mm x 65mm (W x L x H)
Weight	0.9kg (without adaptor)

# EES-3610

VIA EDEN ESP6000 Micro PC



## FEATURES

- VIA Eden ESP6000 (667MHz) EBGA Low-power CPU on-board
- Dual 10/100Base-Tx Fast Ethernet RJ-45 interfaces
- Integrated AC-97 Audio
- Compact Flash Type I/II Socket with ejector
- VIA TwisterT VT8606 chipset with integrated S3 Savage4 2D/3D Graphics
- Internal Bay for 2.5-in HDD
- Fanless Operation

## Ordering Information

- EES-3610  
VIA Eden 667MHz Micro PC with Dual 10/100Base-Tx Ethernet
- EES-3610L  
As above with Single Ethernet

## SPECIFICATIONS

### System Kernel

CPU	Onboard VIA Eden ESP6000 (667 MHz) EBGA Low-power CPU
BIOS	Award 256K Flash BIOS
Chipset	VIA TwisterT VT8606/VT82C686B
I/O Chipset	VIA VT82C686B
Memory	Onboard one 144-pin SODIMM socket supports up to 512MB SDRAM
Storage	Internal drive bay for 2.5-in HDD x 1
Parallel port	Configured to LPT1, LPT2, LPT3 or disabled. Supports SPP, ECP and EPP modes
Serial port	Two external DB-9 connectors supports 2 x RS-232.
KB/Mouse connector	External mini-DIN PS/2 Keyboard/Mouse connector x1
USB connectors	USB Type A connector x 2, USB 1 compliant
Watchdog timer	Can generate a system reset, IRQ10/11 or NMI. Software selectable time out interval (2 sec ~ 255 sec., 1sec./step)
Power management	Supports ATX power supply. I/O peripheral devices support power saving and doze/standby/suspend modes APM 1.2 compliant

### Video

Chipset	VIA VT8606, 128-bit GUI, AGP 4X 3D engine
Display memory	8/16/32MB frame buffer using system memory
Interface	DB-15 VGA connector x 1
Resolution	Supports up to 1280 x 1024 @ 24 bpp

### Audio Interface

Chipset	VIA VT82C686B
Audio controller	AC97 ver. 1.3, 2.0 and 2.1 compliant
Audio interface	Mic in, Line in, Line out audio jacks

### Ethernet Interface

Chipset	Dual Realtek 8139C PCI-bus Ethernet controllers (EES-3610 only)
Ethernet interface	10/100Base-Tx RJ-45 interface x 2

### SSD Interface

One CF socket supports Type I/II Compact Flash Card

### Mechanical and Environmental

Power adaptor	AC 90V ~ 264V input DC 5V output
Operating temperature	0 to 40°C
Dimensions	220 x 147 x 65 mm (L x W x H)
Weight	1.7 Kg (without adaptor or HDD)

## EES-5610

Intel Pentium III/Celeron Mini PC



### FEATURES

- Supports Pentium III/Celeron Processor
- Dual Intel 82559ER 10/100Base-Tx Fast Ethernet
- Integrated AC-97 Audio
- Supports Compact Flash Type I/II Socket
- SMI Lynx 3DM SM721 2D/3D Graphics Accelerator with embedded 4MB SGRAM
- Internal Bay for 2.5-in HDD

### Ordering Information

- EES-5610  
Intel Pentium III/Celeron Mini PC with Dual LCD, 3D graphics, AC97 Audio, 4 COM & Dual 10/100Base-Tx Ethernet
- EES-5610L  
As above with Single 10/100Base-Tx Ethernet

### SPECIFICATIONS

#### System

CPU	Supports Intel Pentium III (CopperMine only)/Celeron & VIA C3
BIOS	Award 256K Flash BIOS
Chipset	VIA Apollo Pro 133A, VT82C694X/VT82C686B
I/O Chipset	VT82C686A/Winbond W83977EF-AW
Memory	Onboard one 168-pin DIMM socket supports up to 512MB SDRAM
SSD	One CompactFlash Type I/II socket
Watchdog timer	Reset/IRQx; 32 sec. ~ 254 min. and 1 min./step
Display	SMI Lynx 3DM SM721 2D/3D Graphics Accelerator with embedded 4MB SGRAM
Audio	AC97 Audio
Ethernet	Dual Intel 82559ER 10/100Base-Tx Fast Ethernet
System indicators	Six LED indicators show the power, HDD and LAN status
Storage	Internal drive bay for 2.5-in HDD x 1
Parallel port	1 x DB-25
Serial port	3 x RS-232, 1 x RS-232/422/485 ports
KB/Mouse connector	2 x mini-DIN PS/2 connectors
USB connectors	2 x USB 1.1 Compliant
VGA/DVI port	1 x DB-15/24-pin DVI
Audio port	Mic-in, Line-in, Line-out

#### Power Supply Unit

Power input	90 ~ 264 VAC/47 ~ 63Hz
Power output	+5V DC @ 13A; +12V DC @ 3A; -12V DC @ 0.5A

#### Mechanical and Environmental

Operating temperature	0 to 40°C
Storage temperature	-20°C to 75°C
Dimensions	322mm x 67.5mm x 222mm
Weight	3.4 Kg
Mounting	Desktop

# EES-9660

Intel Pentium III/Celeron Slim PC

## FEATURES

- Supports Pentium III/Celeron (CopperMine and Tualatin) Processor
- Intel 82562ET 10/100Base-Tx Fast Ethernet
- 2 COM/4 USB/1 Parallel/1 IrDA port
- Integrated AC-97 Audio
- Agere FW323-05 integrated 1394A Host controller supports Dual IEEE 1394A ports
- Intel 82815EG GMCH 2D/3D graphics accelerator with 4MB display memory
- Internal Bay for 2.5-in HDD

## Ordering Information

- EES-9660  
Intel Pentium III/Celeron Slim PC with VGA, 3D graphics, IEEE 1394A, AC97 Audio, & Single 10/100Base-Tx Ethernet



## SPECIFICATIONS

### System

CPU	Supports Intel Pentium III (CopperMine & Tualatin)/Celeron
BIOS	Award 512KB Flash BIOS
Chipset	Intel FW82815EG GMCH/FW82801BA ICH2
I/O Chipset	Winbond W83627HF-AW
Memory	Two 168 pin DIMM sockets, support up to 512MB SDRAM
Display	Intel FW82815EG GMCH 2D/3D graphics accelerator with 4MB display memory
Audio	AC97 Audio
Ethernet	Intel 82562ET 10/100Base-Tx Fast Ethernet
System indicators	Three LED indicators show the power, HDD and LAN status
Storage	Internal drive bay for 2.5-in HDD x 1
CD-ROM/DVD	Optional one slim type CD-ROM/DVD-ROM
Expansion interface	One PCI slot
Parallel port	1 x DB-25
Serial port	2 x RS-232 ports
KB/Mouse connector	2 x mini-DIN PS/2 connectors
USB connectors	2 x USB 1.1 at front panel; 2 x USB 1.1 at rear panel
VGA/DVI port	1 x DB-15/24-pin DVI
Audio port	Mic-in, Line-in
LAN port	1 x RJ-45
IEEE 1394A port	One at front panel, one at rear panel

### Power Supply Unit

Power input	100 ~ 264 VAC/47 ~ 63Hz
Power output	+5V DC @ 14A; +12V DC @ 4A; -5V DC @ 0.2A; -12V DC @ 0.3A

### Mechanical and Environmental

Operating temperature	0 to 40°C
Storage temperature	-20°C to 75°C
Dimensions	72mm x 62mm x 231mm
Weight	3.5 Kg
Mounting	Desktop