Niagara NT 928 BS100 Motherboard Features

Processor Support:
- Intel® Pentium® II/III Processor
  350-600 MHz on 100 MHz bus
  233-333 MHz on 66 MHz bus
- L2 cache at 512 KB integrated on the CPU

Chipset:
- Intel® 82440 BX AGPset
- Intel® 82371EB

Power System:
- Switching Voltage Regulator
- Easy CPU setup with 2 jumpers

Bus Architecture:
- 4 x 32-bit PCI Local Bus Slots (PCI Rev 2.1 interface compliant)
- 3 x 16-bit ISA Slots
- 1 x 32-bit AGP (Accelerated Graphics Port)

Integrated SCSI:
- Adaptec® AIC 7895 Dual Channel Ultra Wide SCSI-3 Controller
- Two Ultra Wide 63-pin connectors and one 50-pin connector, supporting up to 30 SCSI devices
- Adaptec® RAIDport II interface

Integrated PCI IDE:
- Two PCI Bus Mastering IDE Ports supporting four devices: (Ultra DMA/33, PIO Mode 3&4,DMA Mode 2)
- CD-ROM, ZIP, LS-120 supported
- Two USB connectors (Stacked edge connector)

Integrated I/O:
- One Floppy Port (1.44, 2.88MB, and Mode 3 Floppy Supported)
- Two High-Speed Serial Ports 115.2Kbaud transfer rate (RS-232C, 16C550 Fast UART Compatible)
- One Bidirectional Parallel Port (SPP, EPP, ECP Port)
- Keyboard/mouse 8042A compatible controller
- One 7-pin IR transmission connector

Edge Connector:
- Two USB Connectors
- PS/2 Mouse
- PS/2 Keyboard
- Two serial ports
- One Parallel port

System Memory:
- Four 168-pin DIMM sockets for up to 1GB of memory
- SDRAM, or SPD SDRAM, SDRAM + ECC, PC-100 SDRAM
- DIMM modules of 8 MB, 16 MB, 32 MB, 128 MB (72-bit or 64-bit SDRAM)
- 3.3V

System BIOS:
- 2 Mb flash EEPROM Award® (ACPI, DMI, Plug & Play, LS120 support)

Operating Environment:
- Operating: 0 to +55°C
- Non-operating: -10 to +70°C
- Relative Humidity: 0 - 85% non-condensing at 55°C

Size / Dimensions:
- ATX form factor
- W: 12.0" (305mm) L: 9.65" (245mm)
- Weight: 13 ounces (362g)
- Thickness: 0.062" (1.58mm)

Power Requirements:
- ATX power connector: +3.3V, +5V, +5V, -5V, +12V, -12V,

Special Features:
- Modem Ring On
- Lan Wake Up
- PS/2 Mouse Power On
- Keyboard Power On
- Supports Advanced Power Management (APM)
- Supports Creative® SB-LINK for Sound Blaster® 16 Compatibility

Integrated System Management:
- Monitoring Fan Speeds of the CPU and Chassis
- System Voltage- monitors 5V, 12V, 3.3V, and CPU
- Motherboard temperature sensor

Guarantee:
- 3 year limited warranty

Specifications may change without notice.

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