

Niagara NT 845s Pentium 4 Motherboard Features

Processor Support:

- Intel® Pentium® 4 Processor
ICC max 60A; VRM 9.1
- mPGA478, FSB 400MHz(data)

Chipset:

- Intel® i845 (Brookdale) MCH Memory Controller Hub
- Intel® 82801BA (ICH2) I/O Controller Hub

Power System:

- Compliant to ACPI 1.0b, APM 1.2

Bus Architecture:

- 3 x 32-bit PCI Local Bus slots (PCI Rev 2.2 interface compliant)
- 1 x AGP 4x 1.5v slot

Integrated PCI IDE:

- Supports Ultra DMA 33 / 66 / 100, PIO mode 4 interface for HDD and ATAPI CD-ROM, Supports up to 4 devices
- CD-ROM, ZIP, LS-120 supported

Universal Serial Bus:

- Intel Universal HCI v1.1 compatible
- Two USB connectors (Stacked edge connector)

Floppy:

- Supports Standard 3.5-In., 1.2MB/1.44MB, and 3 Mode floppy drive

Serial / Parallel Port:

- 1 IEEE 1284 SPP / EPP / ECP Parallel Port
- 2 16C550 16 byte FIFO Serial ports; WOM

Edge Connector:

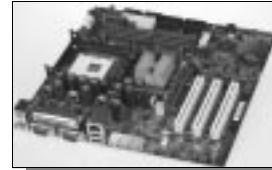
- 2 USB Connectors
- PS/2 Mouse
- PS/2 Keyboard
- Two serial ports
- One Parallel port

System Memory:

- 3 Dimm sockets, 3.3V 168-pin unbuffered 64-bit
- PC133 SDRAM, Supports up to 1.5GB

Ethernet:

- ICH2 embedded, 10/100Mb with i82562ET PHY chip; Wake on Lan



Audio:

- Onboard AC97 2.2 Audio Codec (Realtek ALC201), 50 mW Amp for Headphones

Hardware Monitor:

- SmsC mLPC47M192 with Hardware monitor

System BIOS:

- AWARD® BIOS, 4MB FWH, supports onboard flash
- PC2001 Compliance, Plug and Play, DMI 2.1

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: 9.6" L: 9.6"
- 4 Layers

Power Requirements:

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

Quality:

- Designed and Mfg. To ISO 9001 Quality Standards

Safety Compliance:

- Meets UL 1950, EN60950 and IEC950 safety standards

EMC Compliance:

- Meets EN55022;1997, EN55024;1998 and FCC Part 15 Class B (DOC)

Guarantee:

- 3 year limited warranty



Niagara SMD Technology Inc.
304 Carlingview Drive
Toronto, Ontario
M9W 5G2
Canada

Telephone: (416) 675-2366
Fax: (416) 675-4242
E-mail: sales@niagaratech.com

All trademarks and registered trademarks are the property of their respective owners.
Specifications may change without notice.
© Niagara SMD Technology Inc.