

ETX-NR667

Intel® Core™ 2 Duo Processor ETX® module with High End Graphics and SATA ::



Features

- Intel® Core™ Duo/Core™ 2 Duo processor
- Intel® 945GME Express® chipset
- Maximum 2 GB DDR2 667 MHz SDRAM
- Dual 24-bit LVDS, TV out
- SATA, PATA, LAN, USB 2.0, and ISA

Ordering Information

ETX-NR667-L7400	ETX® Module with LV Intel® Core™ 2 Duo CPU at 1.5 GHz with 4M L2 Cache
ETX-NR667-L2400	ETX® Module with LV Intel® Core™ 2 Duo CPU at 1.66 GHz with 2M L2 Cache
ETX-NR667-U7500	ETX® Module with ULV Intel® Core™ 2 Duo CPU at 1.06 GHz with 2M L2 Cache
ETX-NR667-423	ETX® Module with ULV Intel® Celeron® M CPU T 1.06 GHz with 1M L2 Cache

Specifications

Core

CPU	Merom Core	Intel® Core™ 2 Duo L7400 LV 1.5 GHz with 4 MByte L2 cache, 17 Watt (Low Voltage)
	Yonah Core	Intel® Core™ Duo L2400 LV 1.66 GHz with 2 MByte L2 cache 15 Watt (Low Voltage)
		Intel® Celeron® M 423 ULV 1.06 GHz, with 1 MByte L2 cache 5.5 Watt (Ultra Low Voltage)
Chipset	Intel® 945GME Express® Graphic Memory Controller Hub and Intel® I/O Controller Hub 7 Mobile (ICH7-M)	
Memory	Single SO-DIMM socket memory, for up to 2GB of non-ECC, unbuffered, 533/667 MHz DDR2 memory	
L2 Cache	1 MB (Celeron® M), 2/4 MB (Core™ Duo)	
BIOS	AMI BIOS® with CMOS backup in BIOS Flash chip	
Hardware Monitor	Supply Voltages and CPU temperature	
Watchdog Timer	programmable timer ranges to generate RESET	
Expansion	32-bit PCI™ 2.3 Masters at 33 MHz, ISA 16-bit, SMBus / I2C	

Audio

Chipset	Integrated in Intel® I/O Controller Hub 7 Mobile (ICH7-M)
Audio Codec	Realtek® ALC268 HDA compatible

Multi I/O

IDE (PATA)	Dual-channel IDE with UDMA 33 support
SATA	Two port SATA150 support with connectors on module
USB	Supports up to four ports v. 2.0

Video

Chipset	945GME GMCH integrated chipset supports dual-independent displays
CRT Interface	Analog CRT support up to 2048 x 1536 resolution
LVDS Interface	Dual-channel 18/24 bit with Chronitel 7308B on SDVO
TV-out	NSTC/PAL up to 1024 x 768 resolution supported; HDTV 480p/720p/1080i/1080p modes supported (without Macrovisions®)

Ethernet

Chipset	ICH7-M integrated MAC with Intel® 82562 PHY
Interface	10/100 Mbps with Wake-on-LAN support

Mechanical and Environmental

Form factor	ETX® Specification 3.02 (SATA connectors on module)
Dimensions	95 x 114 mm (3.7" x 4.5")
Operating Temp.	0° to 60°C
Storage Temp.	-20° to 80°C
Power Consumption	Typical 12 Watt with Celeron® 423