

ATLAS



Atlas M3 Series Notebook

Key Features

- 14.1" XGA TFT LCD Screen
- Intel® Pentium® M Processor 7xx
- Intel® Celeron® M Processor 3xx
- 400 MHz Front Side Bus (FSB)
- 1.3 GHz to 2.0 GHz CPUs
- 2 MB On-Die Full Speed L2 Cache
- Maximum 2 GB of DDR SDRAM
- Enhanced Intel® Speedstep® Technology
- Intel® Architecture w/ Dynamic Execution
- Intel® Extreme Graphics 2
- AC '97 Audio with built-in Speakers and Microphone
- Modular Bay Options: DVD-ROM, DVD-RW, DVD & CD-RW Combo, 2nd Hard Disk, or 2nd Battery
- Internal 56K modem and 10/100 LAN
- ACPI and PC '01 Compliant
- FCC DoC, UL Listed, EPA Energy Star Compliant

Exemplifying a fluidity of design, this newest NCS Atlas M3 Series ingeniously incorporates both a peerless modular design and leading-edge capability while maintaining a generous platform cost-to-performance balance. At its core, the Atlas M3 utilizes Intel's Centrino® Mobile Technology with the Intel® 855 Chipset and optimized for the Intel® Pentium® M 7xx processors and Intel® Centrino® Wireless Technology. Other outstanding features of the M3 Series include: an internal modular hot-swap drive bay accommodating the latest DVD-ROM, DVD-RW, or DVD/CD-RW Combo drives; built-in 56K V.92 modem and 10/100 Fast Ethernet LAN connectivity. Four USB 2.0 ports, IEEE 1394 Firewire port, four user programmable Hotkeys, AC '97 audio, and extended battery round out the M3 Series' list of extraordinary features. The Atlas M3 Series' coupling of exceptional cost-to-performance DDR333 SDRAM memory and the power of the Intel® Pentium® M 7xx processor will ensure sustained office productivity, manageability, and performance while easily executing processor intensive video teleconferencing, real-time video streaming, and other performance-hungry multimedia applications.



Model NBA112

Atlas M3 Series Notebook

Processor

Intel® Pentium® M Processor 7xx (1.3 GHz to 2.0 GHz)
Intel® Celeron® M Processor 3xx (1.3 GHz to 1.5 GHz)
Intel® Architecture with Dynamic Execution
Enhanced Intel® Speedstep® Technology
400 MHz Front Side Bus (FSB)

Chipset

Intel® 855GM Chipset
Intel® 82855GM Chipset Graphics and Memory Controller Hub (GMCH)
Intel® 82801DBM I/O Controller Hub Mobile (ICH4-M)

BIOS

Award 4 MB Flash EPROM, PMU, Plug & Play

Cache

32 KB Instruction and 32 KB Write-back Data L1 Cache
1 MB On-Die Full Speed L2 Cache (Advanced Transfer Cache) or
2 MB On-Die Full Speed L2 Cache (Advanced Transfer Cache)

System Memory

Two SO-DIMM Socket supporting DDR266/333 SDRAM
128 MB, 256 MB, and 512 MB SO-DIMMs
Maximum Memory Expansion of 2 GB

Power Management

Full Feature ACPI 2.0 Power Management
Supports Stand-by, Suspend-to-Disk, Suspend-to-RAM

Wireless Communication

Wireless Infrared IrDA 1.1 Compliant and FIR/SIR/MIR
Integrated IEEE 802.11a/b Wireless Mini PCI Module (Optional)
Intel® Pro 2100 IEEE 802.11 b Centrino® Module (Optional)
Intel® Pro 2200 IEEE 802.11 b + g Centrino® Module (Optional)

I/O Ports

One EPP/ECP 25-pin Parallel Port
Four USB 2.0 Ports
One 15-pin VGA Port/Mini D-Sub for External DDC Monitor
One RJ-11 Modem Port
One RJ-45 LAN Port
One IEEE 1394 Port (Type B Connector)
One PortBar III Port

REAR VIEW



Video Controller

Integrated Intel® Extreme Graphics 2
Intel® 82855 Graphics Controller
Up to 64 MB of Dynamic Video Memory Allocation

Hard Disk Drive

9.5 mm 2.5" Hard Disk Drive Support
Ultra DMA/100/S.M.A.R.T. Support

Security Lock

Kensington® Lock Ready

Dimensions

309 x 254 x 29 mm / 11.8 x 10.0 x 1.1 inches (W x D x H)

Weight

2.27 kg / 5 lbs

Display Screen

TS05: 14.1" XGA Active Matrix TFT, 1024x768 with 15/16/24 bit True Color

Sound System

AC '97 Audio CODEC with Built-in Stereo Speakers
SoundBlaster Pro® 3.01 Compatible
Built-in Headphone or SPDIF-out and Microphone Ports

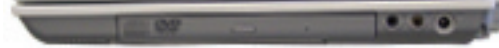
Battery

Smart-Battery Support
8 Cell Li-ION Battery, 4400 mAh/cell
Battery Life of 5 Hours, Battery Low Warning Message
Charging Time 4 Hours (System On) or 2.5 Hours (System Off)

PCMCIA

PCMCIA 2.1 compliant, One CardBus PCMCIA Type II
32-bit PC CardBus Pipelined Architecture

LEFT SIDE VIEW



Modem & LAN

Integrated Mobile MiniPCI 56 K Baud V.92 Modem Module
Integrated 10/100 Fast Ethernet Controller

Keyboard & Pointing Device

Windows 85/86/88 Key Full Size Keyboard, 2.3 mm Travel
Four Instant Launch Buttons (Email, Internet, P4 Gear, Touchpad-lock)
Touchpad Pointing Device with 4 Click Buttons, Scroll Up/Down Key Support

Modular Bay

12.7mm Hot Swap Capable 5.25" Modular Bay
DVD-ROM Drive Module Interchangeable with: DVD & CD-RW Combo, DVD-RW, 2nd
HDD, 2nd Battery, or Traveler's Drawer

RIGHT SIDE VIEW



Standard Accessories

Carrying Case
65W/19V Auto-Switching AC Adapter

Environmental

Operating: 0° to 40°C (32° to 104°F) @ 20%-80% Relative Humidity
Storage: -40° to 70°C (-40° to 158°F) @ 10%-90% Relative Humidity

Regulatory & Product Certifications

EMI/RFI: FCC Class B
Safety: Underwriter Laboratories 60950, 3rd Edition
EPA: Energy Star Compliant
Other: CE, VCCI, CCIB, CSA, TUV & N

Options

Modular Optical Storage: DVD-ROM, DVD-R/RW, or DVD/CD-RW Combo Drive Module
External USB Floppy Drive Module
Secondary Battery Module (Up to 10.5 Hours in conjunction w/ Primary Battery)
Port Bar III Port Replicator

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