

ASCENTIA™ A

[S E R I E S P L U S]



THE SMART

NOTEBOOK

FOR HOME

AND OFFICE.

AST[®]
COMPUTER

ASCENTIA™ A

[S E R I E S P L U S]

MOBILE TECHNOLOGY MADE AFFORDABLE.

Just because you don't spend your life traveling around the world, that doesn't mean you can afford to lose touch with the office. It does mean, however, that you would



rather not spend a huge amount of money in the process. Now AST has your answer: the Ascentia A Series



pentium®
PROCESSOR

Plus notebook computer. With features like a 150 MHz Intel® Pentium® processor or a 150 MHz Intel Pentium processor with MMX™ technology, a 12.1" SVGA TFT Active-Matrix

Screen with 2 MB video RAM, 16 MB of EDO DRAM (upgradable to 80 MB), a 1.44 GB Hard Drive and 256 KB Level-2 cache, the Ascentia A is well equipped to handle any of your

mobile computing tasks. It also delivers impressive multimedia performance. With its 10X* Maximum Speed CD-ROM drive, Zoomed Video, 32-bit card bus, 16-bit audio, SRS 3D

sound, stereo speakers, microphone, and MPEG, this notebook can produce a miraculous presentation.

The Ascentia A also offers extreme flexibility with its optional mini-dock and its SmartBay that allows you to switch between a CD-ROM drive or floppy drive. That's a stellar list of features for a notebook that easily fits into the budget of any business. And when you consider that the Ascentia A comes with an optional overnight replacement warranty called ExpressONE™**; it all sounds too good to be true. But it's not. It's just too good to pass up.

CARD
BUS

* CD-ROM speeds may vary.
** Available in the contiguous U.S. only.

[A F F O R D A B I L I T Y]

KEY FEATURES:

- 150 MHz Intel Pentium processor or 150 MHz Intel Pentium processor with MMX technology and 256 KB Level-2 cache
- Large Super VGA 12.1" diagonal TFT Active-Matrix color screen
- 16 MB EDO DRAM, expandable to 80 MB
- Switch between a 10X Maximum Speed CD-ROM and a floppy drive in the AST "SmartBay"
- Full motion video with built-in MPEG playback software or add an MPEG playback PC Card to be used with the built-in Zoomed Video port
- Ultra-fast performance with the built-in 32-bit Card Bus architecture for PC Card slots
- Optional Mini-Dock for one-step connectivity
- Pre-loaded 33.6 kbps fax/modem PC Card (model A70 Plus in U.S. and Canada only)
- Wide palm rest, Windows® 95 keyboard and SmartPoint™ touchpad pointing device
- Duracell DR36 NiMH battery compatible

Providing Solutions You Really Need.

The Ascentia A is the perfect mobile computing tool for those of you who need the outstanding business features, without the unnecessary extras that only add to the cost. This is a serious notebook with a solid feature set that will offer protection against technological obsolescence while providing you with all the capabilities you desire. The Ascentia A Series Plus is ideal for any small to medium sized business. Whether you're self-employed, a sales representative who needs database access, a field training specialist who needs PC compatibility, or a marketing consultant with multimedia requirements, the Ascentia A has what you're looking for. And best of all, the Ascentia A delivers these enhanced capabilities at an affordable price, so you can maximize your productivity – and your budget – at the same time.

The Outstanding Option of MMX Technology.

The Ascentia A offers you the choice of either a 150 MHz Intel Pentium processor or a 150 MHz



Intel Pentium processor with MMX technology. Either way you have a notebook with outstanding speed and power, but depending on your needs, you might want the MMX technology. With MMX technology, your multimedia presentations will be vastly superior to anything you were capable of in the past. This leading-edge technology is designed to speed up multimedia applications such as video conferencing, sound and 3D graphics. Also, with its smoother, more realistic video; higher quality graphics and CD-quality audio, MMX technology is designed to work in conjunction with, and enhance, the already impressive multimedia features of the Ascentia A Series Plus.

OPTIONAL MINI-DOCK AND A SMARTBAY.

The Ascentia A Series Plus offers an excellent option for easy docking, plus the flexibility of AST's own switchable SmartBay.

■ Ascentia A Mini-Dock.

Simplicity is the benefit of this useful feature. All you have to do is connect your notebook to the mini-dock with one simple plug, and it automatically connects to all your peripherals. This is, without question, the most convenient and affordable way to easily connect your Ascentia A to your printer, keyboard, mouse and monitor. A built-in AC adapter supplies the power to the notebook, and charges its battery. For added security, it also has a Kensington cable lock support. The mini-dock provides one Type III or two Type II PC Card slots in addition to the ones in the system, and can provide instant connectivity to a network server for Internet/intranet access when using a network PC Card. When connected to the network, the mini-dock can also give you one-step connectivity to all peripherals, e-mail, shared files and much more. This optional feature gives your notebook added flexibility at the office.



■ Ascentia A SmartBay.

A truly flexible benefit for those of you who need to bring your work home with you or take care of some business on the road. The SmartBay lets you switch between a 10X Maximum Speed CD-ROM drive or floppy drive. This standard feature gives you everything you might need in one lightweight, portable package, and prepares you for every eventuality.



MULTIMEDIA PROWESS.

The quality of your presentations on the road might mean the difference between a new client and a lost opportunity. Fortunately, the Ascentia A has an array of features that ensure you make the most out of your multimedia demonstrations. It has a Level-2 cache for increased performance and 2 MB



of video RAM for a crisper screen with higher resolution and enhanced color depth on your external monitor.

The Ascentia A Series Plus

also comes with SRS 3D sound, stereo speakers and a built-in microphone to enhance the vibrant sights and sounds of your 32-bit card bus, 16-bit audio and Zoomed Video. And for even greater multimedia performance, you can choose the 150 MHz Intel Pentium processor with MMX technology.

■ A Replacement Notebook In Less Than 24-Hours.

You're miles from the office, and in two days you have the biggest presentation of the year. Normally you'd be worried about something going wrong. But you're not. Because you know that your notebook is from AST — the reliable computer manufacturer that was the first to team up with Federal Express®. You also know that with AST's optional ExpressONE™ warranty — the next business day, on-site notebook replacement program — if something

ExpressONE™
Overnight Notebook Exchange

ever did go wrong, an AST technician would come and replace your Ascentia A on the spot. So there's no need to worry. With AST's superior service and support, you know the presentation will go on as scheduled. If your needs aren't quite as pressing, AST also offers the ExeCare PlusSM 48-hour repair service for all our notebook computers purchased and repaired in the U.S. With ExeCare Plus, all parts and labor are free of charge and your notebook is returned and running within 48 hours. With either warranty you ensure that you and your Ascentia A maximize your productivity.

ACCESSORIES:

To order your Ascentia A Series Plus accessories, call 1-800-876-4278 to locate your local AST reseller. For your convenience, part numbers have been included to make ordering easy. Call for pricing.

8 MB Memory Upgrade
503185-001

16 MB Memory Upgrade
503185-002

32 MB Memory Upgrade
503185-003

64 MB Memory Upgrade
503185-004

External Floppy Adapter
503186-001

Custom Leather Carrying Case
501587-001

Custom Nylon Carrying Case
501588-001

Desktop Infrared Adapter
501748-001

External Keyboard (Pearl, Windows 95)
501911-001

Numeric Keypad
503096-001

External Battery Cradle
503183-001

AC Adapter
503170-001

Auto Adapter
503184-001

PCMCIA Fax/Modem (28.8)
501913-001

Mini-Dock
503187-001

NiMH Battery Pack
503182-002

AST
COMPUTER®

THE QUALITY AND SERVICE OF A WORLDWIDE LEADER.

With the Ascentia A Series Plus you enjoy the added confidence of buying a notebook backed by AST, one of the largest personal computer manufacturers in the world. Our 3-year worldwide limited warranty, first-year standard ExeCare Plus warranty and optional ExpressONE program are fine examples of AST's dedication to responding to the needs of you, our valued customers.



ASCENTIA A

MODELS & PART NUMBERS:

- A60 Plus P/150 CTS12.1
1.44 GB/16/10XCD
503375-801
- A70 Plus P/150 MMX CTS12.1
1.44 GB/16/10XCD/33.6 K Modem
503377-801

INTEL PENTIUM PROCESSORS:

- 150 MHz or 150 MHz with MMX technology

MEMORY:

- 16 MB standard, expandable to 80 MB EDO DRAM
- 256 KB Level-2 cache

DISPLAY:

- 12.1" diagonal SVGA TFT Active-Matrix color
- Viewing area: 9.68" W x 7.26" H (24.6 cm W x 18.4 cm H)
- Standard resolution: 800 x 600 x 256 K colors
- Maximum resolution on external monitor:
1280 x 1024 x 256 colors
- Contrast ratio: 80:1
- Dot Pitch: 0.3075 mm H x 0.3075 mm W

DISK DRIVES & PERFORMANCE:

- 10X Maximum Speed CD-ROM drive
- 3.5" internal floppy drive
- 1.44 GB upgradable hard drive
- HDD average access (seek) time: 13 ms

GRAPHICS:

- Cirrus Logic 7548 graphics controller
- 32-bit PCI bus accelerated graphics
- 2 MB video memory
- Simultaneous internal/external monitor support
- Windows GUI accelerators
- Enhanced video drivers support

POWER MANAGEMENT:

- Advanced Power Management (APM) support
- Suspend and SmartSleep

BATTERY:

- Enhanced NiMH battery (Duracell DR36-compatible)
- Battery life*: 2 hrs at .5c discharge rate
- Charge time (system off):
2 hrs to 90%
- Charge time (system on):
4 hrs to 90%
- Battery size: 5.5" W x 3.5" D x .8" H (14.0 cm W x 8.9 cm D x 2.0 cm H)
- Battery weight: 1.33 lbs (.607 kg)
- Nominal open circuit voltage: 12 Vcc
- Battery capacity: 3500 mAh, 42 Whr
- Primary battery rating: 12.0v/3.5 Ahr

*Battery life estimate subject to variation and actual life may be less.

AC ADAPTER:

- Free input voltage: 100-240 VAC
- Size: 2.48" W x 4.69" D x 1.14" H (6.3 cm W x 11.9 cm D x 2.9 cm H)
- Weight: .57 lbs (.26 kg)
- Line frequency: 50 Hz - 60 Hz
- Input current: .9 A 100V - .5A 240V Maximum
- Output current: 2.1A Maximum
- Output voltage: 19VDC

PC CARD EXPANSION SLOTS:

- 2-Type II or 1-Type III
- Cirrus Logic 6832 PCMCIA controller
- Zoomed Video support
- Card bus support

FLASHBIOS:

- BIOS (256 KB) upgrades performed by AST Authorized Service Centers via a 3.5" upgrade diskette

KEYBOARD:

- 87 key keyboard (101/102 key compatible) with palm rest
- 19 mm key spacing with 3 mm travel (full-size keyboard)
- 12 dedicated function keys
- Inverted "T" arrow keys
- Integrated SmartPoint touchpad
- Two "Click and Drag" buttons located in front of keyboard
- Keyboard volume control

AUDIO:

- Integrated Crystal 4237 audio
- SRS 3D sound
- MIDI and .WAV support
- Embedded stereo speakers and microphone
- 8/16-bit stereo/mono playback and mono recording
- High performance 16-bit Sigma Delta Stereo Codec
- MPU 401 UART mode-compatible
- Fully compatible with multimedia PC Level-2 specifications
- Hot key volume and balance control

STANDARD I/O PORTS:

- 1 serial port (16550 UART-compatible) (9-pin D-shell connector)
- 1 parallel bi-directional port (25 pin D-shell connector)
- 1 analog VGA port (15-pin D-shell connector)
- 1 PS/2 mouse/keyboard/keypad port (6-pin connector)
- Expansion connector: connect optional mini-dock
- 1 two-way infrared port (IrDA-1 compatible)
- PC Card 33.6 kbps fax modem (model A70 Plus only)
- 1 microphone-in port (mono 1/8" phone jack)
- 1 line-in port (stereo 1/8" phone jack)
- 1 line-out port (stereo 1/8" phone jack)
- DC power jack

SECURITY:

- Administrator password (supported by AST Authorized Service Center)
- User password
- HDD system boot, boot sector protection
- Setup and keyboard/mouse input protection

DIMENSIONS & WEIGHTS:

- 11.8" W x 9.4" D x 1.95" H (30.0 cm W x 23.9 cm D x 4.95 cm H)
- 6.97 lbs (3.17 kg) with floppy drive
- 7.2 lbs (3.27 kg) with CD-ROM drive

TEMPERATURE RANGE:

- Operating: 41° to 95° F (5° to 35° C)
- Shipping: 14° to 112° F (-10° to 50° C)
- Relative humidity (non-condensing):
20 to 80% (operating)
15 to 95% (storage)

OPERATING SYSTEM:

- Microsoft® Windows 95

THIRD PARTY APPLICATIONS:

- On-line User's Manual
- PUMA TranXit
- CompCore MPEGSoft
- McAfee Antivirus

DOCUMENTATION:

- User's Manual
- Windows 95 Guide
- AST Quick Start Guide
- PUMA TranXit Quick Reference Guide

3-YEAR WORLDWIDE WARRANTY:

- Year 1: ExeCare Plus 48-hour repair (U.S. only)
- Years 2-3: Worldwide carry-in service
- Optional: ExpressONE overnight notebook exchange (U. S. only)

PLUSSM
EXECARE
48-HOUR REPAIR

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