ASCENTIA™ P

[S E R I E S]

THE PREMIUM

NOTEBOOK FOR

POWER AND

PERFORMANCE

AST®
COMPUTER

ASCENTIA™ P

NEW FEATURES ENHANCE TOP PERFORMANCE AND ON-THE-GO FLEXIBILITY.

▬ Desktop power, flexibility and complete mobility. That's precisely what AST delivered when we were first to market 133 MHz Intel® Pentium® processor notebooks: the highly acclaimed, Ascentia P Series. ▬ Now we've raised the bar on our line of premium notebooks, with enhanced features for impeccable performance. With the high-speed 6X CD-ROM module, you can use up-to-the-minute CD databases and enjoy multimedia presentations. Our new integrated 28.8 kbps data/fax modem lets you explore the information superhighway or send e-mail instantly. And now, you can match your 133 MHz Intel Pentium processor with 24 MB of memory. Plus, you'll get a crisp, bright 12.1" diagonal Active-Matrix color screen, with Super VGA resolution. ▬ And the Ascentia P Series' original power features are all still there. Our own SmartBay lets you switch between a high-speed CD-ROM drive, floppy drive or a second battery. With both batteries installed, you can experience up to an incredible 6.5 hours of battery life. Savor every note of any multimedia presentation or your favorite CD-ROM games with our built-in, 16-bit Sound Blaster® audio and dual stereo speakers. And our integrated infrared port can wirelessly send files to a printer or another computer that is IrDA-compatible.

▬ Finally, we've introduced an optional warranty program called ExpressONE™*. It provides overnight notebook exchange services for delivery the next business day, at home or away. Once again, the Ascentia P Series towers above the competition for all-around notebook performance and flexibility.

*U.S. only

ExpressONE™
Overnight Notebook Exchange

[H I G H - P E R F O R M A N C E]

Large, Colorful, Easy To Read Active-Matrix Super VGA Screens

Wait until you meet the 12.1" diagonal TFT Active-Matrix color screen that's standard on the Ascentia P Series. Its vibrance and responsiveness makes extended viewing of the Ascentia P Series notebook much easier on your eyes. The Super VGA resolution is just like that on your desktop monitor, displaying as much as 56% more information than on comparable VGA screens. So you can see more columns of a spreadsheet or paragraphs of text at one time, in intricate detail and photo-realistic color.

Integrated Communications

When it comes to the information superhighway, you want to connect at

SUPER VGA 800 X 600

STANDARD 640 X 480

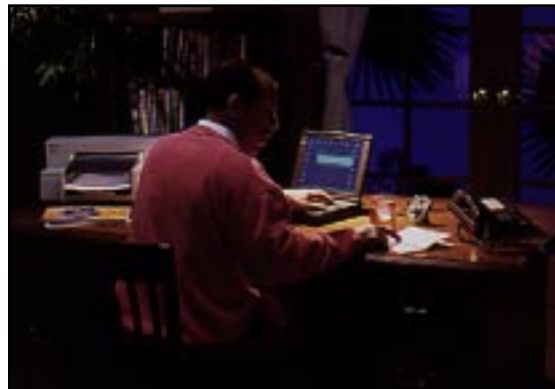Measuring 12.1" diagonally in vibrant TFT Active-Matrix color.

once. The Ascentia P Series has a quick 28.8 kbps integrated data/fax modem to let you sign on remotely to your corporate network or fax quotations to key clients. You can even send e-mail and be on the Internet in the blink of an eye. Should you ever find yourself in the middle of nowhere, communicating with the rest of the world will be second nature. Furthermore, if you want to print or transfer files without wires, the Ascentia P Series sports a high-speed infrared port to do the job with only an infrared beam.

Use The 6X CD-ROM Drive For Impactful Multimedia

A modular 6X CD-ROM drive comes standard on every Ascentia P Series notebook. So you can run all your favorite desktop multimedia programs, play the latest games — or make business presentations — in stereo sound. You can even use the new CD databases, or simply enjoy playing your music CDs anywhere, without bringing a separate CD player on the road. The Ascentia P Series also supports software-based MPEG capabilities, allowing you to interweave full-motion video and MIDI, .WAV and .AVI files.
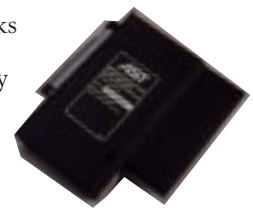
Extend Productivity With A Second Battery

When you require additional battery life, just remove the CD-ROM drive from the SmartBay and pop in an optional second Lithium Ion battery. Couple this with AST's power management system, and it easily meets the special needs of users who call for extended computing time away from a power source. This is an ideal function for traveling executives, or professionals with multiple work sites.

House A Floppy Drive For Traditional Data Storage And Retrieval Needs

A floppy drive module also comes standard with every Ascentia P Series notebook. With this floppy drive module in the SmartBay, you're set to utilize floppy disks instantly. Simply swap the CD-ROM drive with the floppy drive whenever necessary. It's a flexible benefit for people who bring their work home. With the Ascentia P Series, and SmartBay, you have a quick solution to varying needs in a truly lightweight and portable system.

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MAKING THE MOST OF THE ASCENTIA P SERIES

To order your Ascentia P Series 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.

▬ Technology And Power That Rivals Your Desktop

The Ascentia P Series puts many of the best desktop technologies into a notebook computer. Fueled by a fast 133 MHz Intel Pentium processor, it delivers plenty of speed potential. Teamed with a roomy 256 KB level-2 cache (a memory depository for frequently-used data), your performance increases up to 25%. For the faster data transfer rate of today's advanced desktops, the Ascentia P Series also uses a 32-bit PCI local bus I/O architecture — the highest performing standard I/O now available — that matches the speed of the bus to the processor. And with high-bandwidth EDO (Extended Data Output) memory, the system is quicker as well. Finally, 1 MB of video RAM and simultaneous internal/external monitor support provide exceptional video capabilities.

▬ Desktop Functionality

With such power at hand, it's easy to envision the Ascentia P Series' desktop capabilities, and with the optional port replicator, you can actualize them. The port replicator puts the convenience of desktop peripherals *immediately* at your disposal. This small connecting unit duplicates the ports on your Ascentia P notebook, but remains on your desk, pre-connected to most PC monitors, mice, external keyboards and/or printers. When you sit down to work, you just make one connection to all the devices by "plugging in" your notebook. One disconnect, and you're completely mobile again. Uncompromised computing mobility can extend your work day by enabling you to work full-throttle at any time.

Clearly, the Ascentia P Series is the notebook computer to do the job.

Primary Lithium Ion Battery Pack
503012-001

Secondary Battery Module (SmartBay Form Factor)
503020-001

8 MB Memory Upgrade
503013-001

16 MB Memory Upgrade
503013-002

Auto Adapter
503014-001

AC Adapter
503015-001

Port Replicator (No AC Adapter Incl.)
503017-001

Mini-Dock Kit (Incl. Mini-Dock, AC Adapter, External Floppy Adapter)
503128-001

External Floppy Adapter
503046-001

2.1 GB Hard Drive Upgrade
503016-002

Desktop Infrared Adapter
501748-001

Custom Leather Carrying Case
501587-001

Custom Nylon Carrying Case
501588-001

PC Card Adapters
28.8 kbps Data/Fax Modem (Cellular Ready)
501913-001

Token-Ring 16/4 Adapter II
501554-001

External Keyboard (Pearl, Windows 95)
501911-001

Numeric Keypad
503096-001

Kensington Security Cable Lock
500994-001

ASTVision™ Monitors
4I-14" Diagonal (13.2" Viewable)
503025-001

4N-14" Diagonal (13.2" Viewable)
503110-001

5L-15" Diagonal (13.8" Viewable)
501930-001

7L-17" Diagonal (15.75" Viewable)
501931-001

7H-17" Diagonal (15.75" Viewable)
501933-001

21H-21" Diagonal (20" Viewable)
501934-001

AST COMPUTER ®

ASCENTIA™ P

THE QUALITY AND SERVICE OF A WORLDWIDE LEADER.

With the Ascentia P Series 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 warranty and other optional service programs are honored in over 30 countries. Our ExeCare Plus℠ 48-Hour Repair* warranty comes standard the first year. And now, AST offers its exceptional ExpressONE™ plan*; an optional next business day, on-site notebook replacement service, giving your AST notebook extra value...and you extra peace of mind. *U.S. ONLY

ASCENTIA™ P

MODELS & PART NUMBERS:
- P133 CTS12.1 1.0 GB/24 MB
  503041-501
- P133 CTS12.1 2.1 GB/24 MB
  503041-601

INTEL® PENTIUM® PROCESSOR:
- 133 MHz

MEMORY:
- 24 MB standard, expandable to 40 MB
- 256 KB level-2 cache

DISPLAY:
- 12.1" diagonal SVGA TFT Active-Matrix color
- Viewing area: 9.69" W x 7.27" H (24.6 cm W x 18.45 cm H)
- Standard resolution: 800 x 600 x 64 K
- Max. resolution on external monitor: 1024 x 768 x 256 colors
- Contrast ratio: 50:1
- Dot Pitch: .287 mm

DISK DRIVES & PERFORMANCE:
- 6X CD-ROM module
- Floppy 3.5" 1.44 MB module
- 1.0 GB or 2.1 GB upgradable hard drive
- IDE controller via PCI bus
- Avg. access (seek) time: 13msec

GRAPHICS:
- Cirrus Logic graphics controller GD7548
- 32-bit PCI local bus interface
- 1 MB video memory
- Simultaneous internal/external monitor support
- Enhanced video drivers support
- Windows GUI accelerators

POWER MANAGEMENT:
- Advanced Power Management (APM) support
- Suspend and SmartSleep

BATTERY:
- Dual Lithium Ion battery capable
- Single battery: 3-4 hrs battery life
- Dual batteries: 5-6.5 hrs battery life
- Primary battery size: 4.4" W x 5.5" D x 1.1" H (11.2 cm W x 13.9 cm D x 2.8 cm H)
- Charge time (system off): 2.5 hrs to 90%
- Charge time (system on): 4 hrs to 90%
- Primary battery rating: 52W-hr

AC ADAPTER:
- Auto sensing 115/230 VAC
- Size: 2.4" W x 4.7" D x 1.4" H (6.0 cm W x 11.9 cm D x 3.56 cm H)
- Line frequency: 47 Hz - 63 Hz
- Steady state power 20W (w/o power management)
- Output voltage: 19VDC
- Output current: 2.375A

PC CARD EXPANSION SLOTS:
- 2-Type II or 1-Type II and 1-Type III

LCD STATUS DISPLAY PANEL:
- Power, battery activity, turbo mode, hard disk activity, floppy disk activity, caps lock, num lock, scroll lock, battery lock, suspend

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

KEYBOARD:
- 82/83 key keyboard (101/102 key compatible)
- 18 mm key spacing with 3 mm travel
- 12 dedicated function keys
- Inverted "T" arrow keys
- Integrated SmartPoint touchpad
- Two "Click and Drag" buttons located on sides of touchpad
- Keyboard volume control

AUDIO:
- Integrated Sound Blaster Vibra 16 chipset
- MIDI and .WAV support
- Embedded stereo speakers and microphone
- 8/16-bit stereo/mono playback and 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, bass/treble, and balance control

STANDARD I/O PORTS:
- 1 serial port (16550A UART) (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)
- PCI expansion connector: connect optional port replicator
- 1 two-way infrared port
- Integrated 28.8 kbps data/fax modem (U.S. 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)
- 1 game port (15-pin D-shell connector)
- DC power jack

SECURITY:
- Administrator password
- User password
- Software feature to protect system boot, setup, and keyboard/mouse input
- Password backup
- Kensington cable lock support

DIMENSIONS & WEIGHTS:
- 11.3" W x 8.98" D x 2.15" H (28.9 cm W x 22.8 cm D x 5.4 cm H)
- 6.8 lbs (3.1 kg) with floppy drive
- 7.1 lbs (3.3 kg) with CD-ROM drive

TEMPERATURE RANGE:
- Operating: 41° to 95° F (5° to 35° C)
- Shipping: -4° to 140° F (-20° to 60° C)
- Relative humidity (non-condensing): 20 to 80% (operating) 8 to 90% (storage)

OPERATING SYSTEM:
- Dual Install: Windows 95 or Windows for Workgroups 3.11

THIRD PARTY APPLICATIONS:
- PUMA TranXit
- Prodigy®, America Online® and CompuServe® starter kits
- Dow Jones Personal Journal
- LapLink® for Windows

DOCUMENTATION:
- Online Manual
- User's Manual
- Windows 95 Guide
- AST Quick Start Guide

3-YEAR WORLDWIDE LIMITED 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)

**ExeCare PLUS℠
48-HOUR REPAIR**

AST COMPUTER®