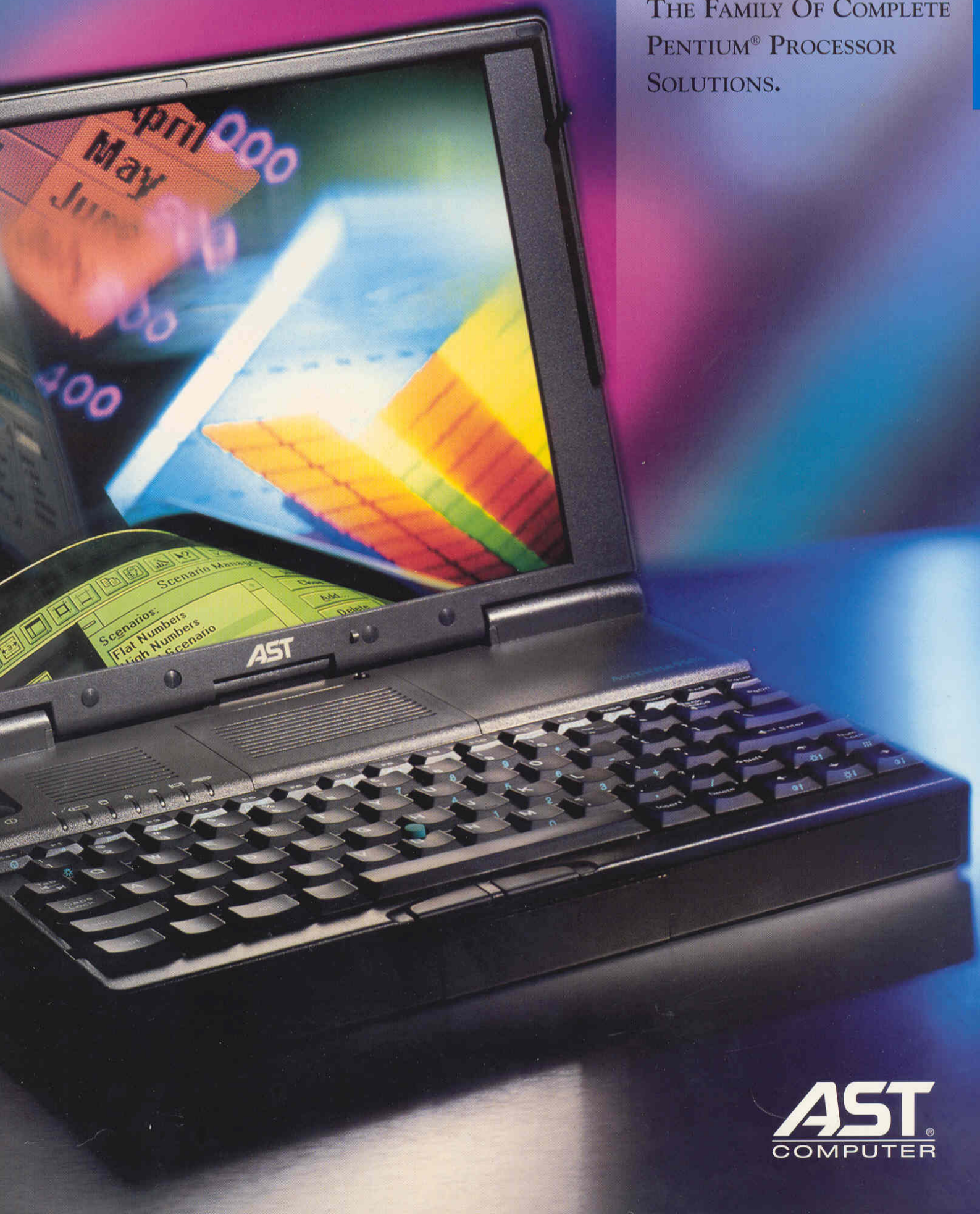


ASCENTIA™ 950N

THE FAMILY OF COMPLETE
PENTIUM® PROCESSOR
SOLUTIONS.

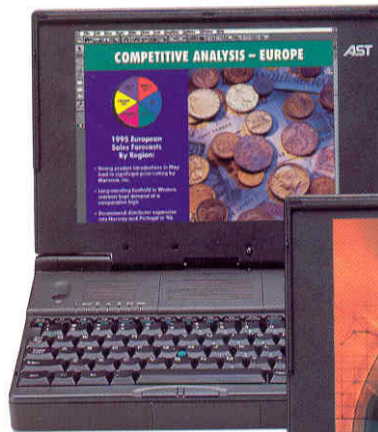


AST
COMPUTER

ASCENTIA™ 950N

THREE PROCESSORS, COUNTLESS FEATURES.

The Ascentia 950N family offers the ultimate selection in high-performance Pentium® processor mobility. In short, it's the most balanced Pentium notebook solution ever. With 120, 90 or 75 MHz of Pentium power to choose from, AST® gives you more features, including awesome multimedia capabilities and giant hard drives, at some of the most aggressive prices to date. Available on each notebook is an extra large, Super VGA 800 x 600 resolution TFT Active-Matrix Color screen. And our 75 and 90 MHz notebooks with VGA Active-Matrix Color are comparably priced to notebooks with Dual-Scan STN displays! Plus, the 120 MHz model boasts an extraordinarily large 11.8" diagonal screen, one of the biggest on the market. All three versions are among the lightest Pentium processing notebooks available. And AST's world famous power management technology gives the Ascentia



The P/75 available with SVGA or VGA Active-Matrix Color and 500 or 800 MB to 1.2 GB of storage.



The P/90 available with SVGA Active-Matrix Color and up to 1.2 GB of storage.



The P/120 with SVGA Active-Matrix Color and up to 1.2 GB of storage.

950N family

unprecedented battery life for a notebook this powerful.

Equally impressive are the

Ascentia 950N's dual

install capabilities,

allowing you to

choose between

Microsoft Windows® 95 or Windows For Workgroups

3.11. All in all, the Ascentia 950N family offers you an

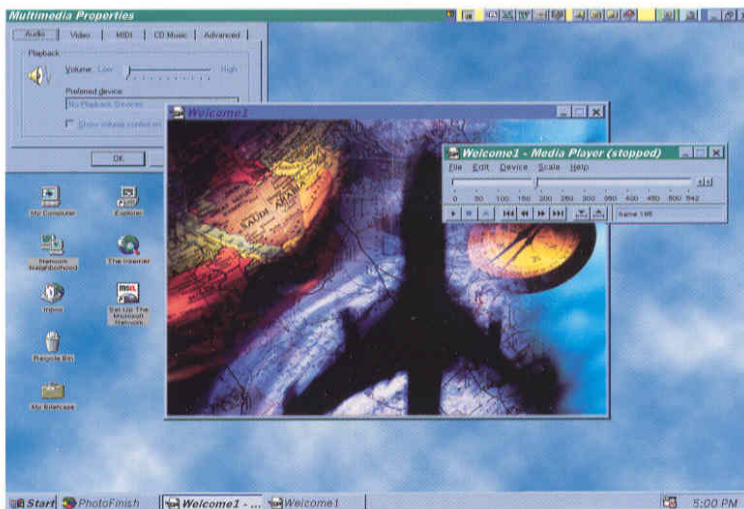
inspiring selection of power, storage capabilities and an

ideal balance of leading-edge features to make your

computing life astonishingly efficient.

800MB
1.2GB

ACTIVE-MATRIX COLOR FOR THE PRICE OF DUAL-SCAN DISPLAYS!



AST offers TFT Active-Matrix Color screens in all of the Ascentia 950N notebooks at a unique price advantage. That means the brighter, crisper and easier-to-read colors of Active-Matrix screen technology are available at a remarkable price.

DISPLAYS AVAILABLE IN SVGA COLOR.

Not only does the 950N family feature a more vibrant array of colors, the 11.8" diagonal LCDs are among the largest on the market. We've incorporated Super VGA technology that puts more pixels on every inch of the screen and displays as much as 56% more information than on non-SVGA screens. It's available on all models. With SVGA technology, you can get the same 800 x 600 resolution you've experienced on your desktop for years. So, whether you're viewing text, images or spreadsheet columns, you see sharper details than on ordinary displays.

And when connected to an external monitor, the Ascentia 950N family supports 1,024 x 768 resolution non-interlaced, at a 72 Hz refresh rate.

CONCEPT STAGE	A	B	C	D	E
Interformat Puzzle	Sept. 14 Team 1	Sept. 15 Team 2	Sept. 18 Team 3	Sept. 21 Team 4	Sept. 23 Team 1
MindBender Game	Sept. 16 Team 2	Sept. 16 Team 3	Sept. 23 Team 3	Sept. 23 Team 2	Sept. 26 Team 1
SaturdayRings	Sept. 12 Team 1	Sept. 14 Team 3	Sept. 15 Team 4	Sept. 23 Team 2	Sept. 25 Team 3
DreamChild	Oct. 1 Team 1	Oct. 1 Team 3	Oct. 4 Team 4	Oct. 5 Team 2	Oct. 6 Team 1
Cube-Clumpy	Oct. 4 Team 4	Oct. 5 Team 2	Oct. 6 Team 3	Oct. 7 Team 1	Oct. 8 Team 1
Water Works	Oct. 6 Team 1	Oct. 7 Team 3	Oct. 8 Team 4	Oct. 9 Team 2	Oct. 11 Team 3
Fun Facts	Oct. 7 Team 1	Oct. 8 Team 3	Oct. 10 Team 4	Oct. 13 Team 2	Oct. 14 Team 3

**STANDARD
640 X 480**

Measuring 10.4" diagonally in vibrant Dual-Scan STN Color, or in TFT Active-Matrix Color.

SUPER VGA 800 X 600

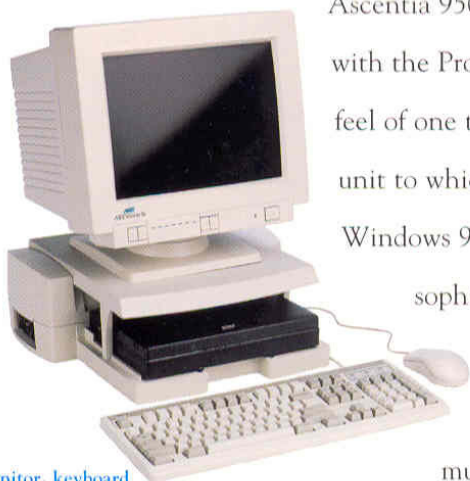
KEY FEATURES:

- Choose from Intel® Pentium 120, 90 and 75 MHz processing for maximum performance
- Extra large screens available, in 11.8" or 10.4" diagonal, with both Super VGA (800 x 600) and VGA resolution in TFT Active-Matrix Color
- Multimedia capable, with Sound Blaster® 16-bit audio built-in
- Video playback capabilities
- Lithium Ion Battery with AST Power Management for up to 6 hours of battery life
- 3 hard drives to choose from-- 500 or 800 MB or 1.2 GB
- Dual-Install capabilities, to choose between Windows 95 or Windows For Workgroups 3.11



ACCESSORIES TO MAKE THE MOST OF MOBILE COMPUTING.

ProStation™ Docking Station.



* Monitor, keyboard and mouse not included. Available as accessories.

Ascentia 950N is as powerful as a desktop, and with the ProStation you can give it the look and feel of one too. The ProStation is a single desktop unit to which you can add an external monitor, Windows 95 keyboard or mouse. Or get more sophisticated by adding a tape backup drive, CD-ROM, or 16-bit ISA adapters. For complete

multimedia power, there is also a model

which includes a built-in (4X) Quad Speed CD-ROM,

external speakers, and 16-bit Sound Blaster adapter. Of course, the ProStation and the Ascentia 950N are Plug-n-Play ready for compatibility with the latest operating systems.

EasyPort™ III - Port Replicator.

If you don't need the drive bays and ISA adapter slots afforded by a docking station, but merely a convenient connection to keyboard, monitor or power cords at your desktop, the EasyPort III is ideal. Whatever individual peripherals you use most at your desk, can all be pre-connected to the back of EasyPort III, and your Ascentia 950N connects to all of them in just one snap.



PROSTATION DOCKING STATION PART #501759-001

DIMENSIONS

17.3" W x 16.5" D x 6.0" H
43.9 cm W x 41.9 cm D x 15.2 cm H

WEIGHT

18 lbs (8.2 kg) with monitor platform

EXPANSION

1 full-size, 16-bit slot, 1 half-size, 16-bit slot

DRIVE BAYS

1 slim-line 5.25", 1 half-height 5.25"

INPUT/OUTPUT PORTS

2 serial (16550 UART), 1 parallel, 1 monitor interface, 1 PS/2 mouse, 1 AT keyboard, 1 expansion port

CHARGER PORT

1 (plug battery cradle into Docking Station to charge a secondary battery pack)

OPERATING VOLTAGE

115-230 auto-sensing

LINE FREQUENCY
47-63 Hz

EASYPART III PART #501682-003

DIMENSIONS

12.5" W x 12.4" D x 2.8" H
31.8 cm W x 31.5 cm D x 7.1 cm H

WEIGHT

2.14 lbs (0.96 kg)

INPUT/OUTPUT PORTS

1 serial (16550 UART), 1 parallel, 1 monitor interface, 1 PS/2 mouse, 1 AT external keyboard

AC ADAPTER (55 watt) included



Two PC Card slots for expansion and connectivity

ACCESSORIES:

To order your Ascentia 950N 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 (3.3 v.) Memory Upgrade
501728-001

16 MB (3.3 v.) Memory Upgrade
501728-002

Lithium Ion Battery Pack
501677-001

Auto Adapter
501675-001

AC Adapter
501674-001

Desktop IR Adapter
501748-001

External Keyboard (Shown)
501911-001

Numeric Keypad (Ascentia Grey)
500495-001

800 MB Hard Drive Upgrade
501395-010

1.2 GB Hard Drive Upgrade
501395-012

Portable Speakers
501910-001

ProStation Docking Station
501759-001

ProStation Multimedia Docking Station
501760-001

EasyPort III Port Replicator
501682-003

External CD-ROM Drive
501909-001

Y-cable Splitter/Keyboard Adapter
500996-001

Battery Charger
501676-001

Kensington Cable Lock
500994-001

Hard Drive Carrying Case
501117-001

Leather Carrying Case
501587-001

Nylon Carrying Case
501588-001

PC Card Adapters
10 BaseT Ethernet Adapter
501553-001

Token-Ring 16/4 Adapter
501554-001

PCMCIA SCSI Adapter
501912-001

28.8 Data/Fax Modem (Cellular Ready)
501913-001

ASTVision 15" 5V Monitor
501718-001 (13.7" viewable)

ASTVision 15" 5M Multimedia Monitor
501790-001 (13.7" viewable)

ASTVision 17" 7L Monitor
501720-001 (15.5" viewable)

AST
COMPUTER

LIMITLESS APPLICATIONS FOR A VARIETY OF PROFESSIONALS.



Now, professionals from every field can reap the rewards of a dramatic array of multimedia capabilities. Whether you're an entertainment executive, high-end sales representative, or advertising professional, you can impress clients with boundless creativity and versatility that's completely mobile. Architects, designers and engineers who must perform data-intensive tasks on the road will also find the Ascentia 950N a virtual dream. See how easy it is to turn an ordinary sales, service or training meeting into an extraordinary presentation by interweaving full-motion AVI video files with music, special effects or voice-over.

THE POWER OF SOUND AND VIDEO.

For sales professionals, presentation is critical. And what better way to completely dazzle an audience than with the Ascentia 950N. It reaches its incredible power potential with real-time video playback. It has embedded 16-bit Sound Blaster Vibra 16 hardware, enabling you to incorporate .WAV and MIDI functions into almost any file or document. You can record your voice, music or special effects through the embedded microphone and speaker. And microphone and audio line in/out ports allow you to utilize stereo quality external sound systems too.



ASCENTIA™ 950N

THE QUALITY AND SERVICE OF A WORLDWIDE LEADER.

With the Ascentia 950N comes 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 is honored in over 30 countries around the globe, so your AST notebook comes with extra value and extra peace of mind.



ASCENTIA 950N

MODELS:

- P54/75 CT10 500 MB 8 MB 501744-201
- P54/75 CT10 800 MB 8 MB 501744-301
- P54/75 CT10 1.2 GB 8 MB 501744-401
- P54/75 CTS10 800 MB 8 MB 501905-301
- P54/75 CTS10 1.2 GB 8 MB 501905-401
- LM90 CSS10 800 MB 8 MB 501741-301
- LM90 CSS10 1.2 GB 8 MB 501741-401
- LM90 CT10 800 MB 8 MB 501742-301
- LM90 CT10 1.2 GB 8 MB 501742-401
- LM90 CTS10 800 MB 8 MB 501743-301
- LM90 CTS10 1.2 GB 8 MB 501743-401
- LM120 CTS11.8 800 MB 8 MB 501898-301
- LM120 CTS11.8 1.2 GB 8 MB 501898-401

PENTIUM PROCESSORS:

- 75 MHz Intel Pentium - 3.3 v.
- 90 MHz Intel Pentium - 2.9 v.
- 120 MHz Intel Pentium - 2.9 v.
- 256 KB Level 2 Cache Memory

DISPLAY:

- 10.4" (diagonal) SVGA/VGA TFT Active-Matrix color and SVGA Dual-Scan STN (Viewing area: 211.2 mm W x 158.4 mm H)
- 11.8" (diagonal) SVGA TFT Active-Matrix color (Viewing area: 242.8 mm W x 183.1 mm H)
- Standard resolution: 640 x 480 in 256 colors
- Enhanced resolution: 800 x 600 in 256 colors
- Max. resolution: Super VGA 1,024 x 768 in 256 colors (Pan Mode)
- Max. resolution on external monitor: 1,024 x 768 in 256 colors
- Contrast ratio: TFT 50:1
- Dot Pitch: 0.088 mm x 0.264 mm

GRAPHICS:

- Cirrus Logic graphics controller GD7543
- 32-bit local-bus and hardware accelerated graphics
- 1 MB video memory (simultaneous internal/external monitor support)
- Enhanced video drivers supported

MEMORY:

- 8 MB standard, expandable to 40 MB

POWER MANAGEMENT:

- 2-6 hours battery life with Lithium Ion battery pack
- Charge time: 2 hours (system off), 5 hours (system on)
- Battery: 3.8" W x 7" D x 0.75" H (9.7 cm W x 17.8 cm D x 1.9 cm H) 1.0 lbs (0.453 kg)
- Nominal open circuit voltage: 12.2 VDC
- Battery Rating: 1800 mA.Hr

AC ADAPTER:

- Auto-sensing 115/230 VAC
- 2.4" W x 4.1" D x 1.1" H (6.0 cm W x 10.5 cm D x 2.8 cm H)
- 0.55 lbs. (0.27 kg)
- Line frequency: 47 Hz - 63 Hz
- Steady state power: 34 Watts output - 42.5 Watts input
- Operating current: 1A 115 v. - 0.5A 230 v.
- Output voltage: 18 VDC
- Output current: 1.9A

DISK DRIVES & PERFORMANCE:

- Floppy: 3.5" 1.44 MB internal
- 500 MB or 800 MB or 1.2 GB removable hard drive
- IDE interface
- Avg. access (seek) time: ≤ 17 msec (500 MB) ≤ 14 msec (800 MB) ≤ 13 msec (1.2 GB)

OPERATING SYSTEM:

- Dual install option Windows 95 or Windows for Workgroups 3.11 (single choice option)

THIRD PARTY APPLICATIONS:

- ConnectSoft E-Mail Connection
- PUMA TranXit
- Delrina WinFax and COMit LITE
- Prodigy, American Online CompuServe starter kits
- News Electronic Data - TAXI
- OAG FlightDisk
- SystemSoft Card and Socket Services
- Microsoft RunTime Video for Windows
- Creative Labs Sound Blaster applications

PC CARD EXPANSION SLOTS:

- 2-Type II or 1-Type III

STATUS LIGHTS:

- Power, Battery, Turbo Mode, Hard Disk Activity, Floppy Disk Activity, Caps Lock, Num Lock, Scroll Lock

FLASHBIOS:

- BIOS upgrades performed by AST Authorized Service Centers via a 3.5" upgrade diskette

TEMPERATURE RANGE:

- Operating: 50° to 95° F (10° to 35° C)
- Shipping: -4° to 147° F (-20° to 65° C)
- Relative humidity: 20 to 90% non condensing (operating) 8 to 90% non condensing (storage)

KEYBOARD:

- 82/83 key keyboard (101/102 key compatible)
- Full-size keyboard (19 mm key spacing) with 3 mm travel and 12 dedicated function keys
- Inverted "T" arrow keys
- Integrated SmartPoint™ track stick
- Two "Click and Drag" buttons located in front of keyboard

DIMENSIONS AND WEIGHTS:

- 11.5" W x 8.5" D x 1.8" H (29.2 cm W x 21.6 cm D x 4.6 cm H)
- 10.4" TFT Active-Matrix - 6.4 lbs. (2.91 kg)
- 11.8" TFT Active-Matrix - 6.0 lbs (2.73 kg)

STANDARD I/O PORTS:

- 1 serial port (16550 UART) (9-pin D-shell connector)
- 1 parallel port, bi-directional (25-pin D-shell connector)
- Video: 15-pin D-shell connector
- Keyboard/pad: PS/2 6-pin connector
- Optional "Y" cable allows simultaneous support for mouse and external keyboard
- 120-pin connector for ProStation docking station and EasyPort III
- Infrared port (IRDA compatible)

AUDIO:

- Built-in Sound Blaster Vibra 16 hardware with MIDI and .WAV support
- Embedded speaker and microphone
- Audio line in and out

SECURITY:

- Two levels of unbreakable software password protection
- ROM SmartKey - override and optional Kensington Cable lock

DOCUMENTATION:

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

3-YEAR WORLDWIDE LIMITED WARRANTY

- YEAR 1: EXECARE PLUS™ 48 hour rapid repair (U.S. Only)
- Years 2-3: Worldwide Carry-in service

WORLD WIDE WEB ADDRESS

- <http://www.ast.com>

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