ASCENTIA M

MOBILE COMPUTING MADE EASY

AST COMPUTER

Ascentia M notebooks are backed by the shared resources of AST Computer and Samsung Electronics, a $92 billion company. So when you purchase from AST, youÕre not only getting a product from one of the largest and most respected personal computer manufacturers in the world, but youÕre getting it from a company that is dedicated to responding to the needs of our customers. Because at AST, weÕre working to make life easier for your business.

ASCENTIA M FEATURES

MODELS:
- ¥ ASC M5130S P133 CSS12.1/ 1.6 GB/32MB
- ¥ ASC M5160T P166 CTS12.1/ 1.6 GB/32MB
- ¥ ASC M5160X P166 CTS13.3/2.1 GB/ 32MB/56K Modem
- ¥ ASC M5200T P200 CTS12.1/2.1 GB/ 32MB/56K Modem
- ¥ ASC M5230T P233 CTS12.1/3.0 GB/ 32MB/56K Modem
- ¥ ASC M5230X P233 CTX 13.3/4.0 GB/ 64MB/56K Modem

INTEL PENTIUM PROCESSORS WITH MMX TECHNOLOGY:
- ¥ 133 MHz, 166 MHz, 200 MHz or 233 MHz

MEMORY:
- ¥ 32 MB or 64 MB standard, expandable to 128 MB
- ¥ 512 KB Level-2 cache
- ¥ Extra SODIMM upgrade socket

DISPLAY:
- ¥ 13.3Ó diagonal XGA TFT Active-Matrix color
- ¥ 12.1Ó diagonal SVGA TFT Active-Matrix color
- ¥ 12.1Ó diagonal SVGA Dual-Scan STN color
- ¥ Viewing area (13.3Ó XGA): 10.6Ó W x 8Ó H
- ¥ Viewing area (12.1Ó TFT): 9.7Ó W x 7.2Ó H
- ¥ Viewing area (12.1Ó DSTN): 9.8Ó W x 7.4Ó H
- ¥ Max. resolution: (12.1 DSTN and 12.1 TFT) 800 x 600 x 256 (13.3 XGA) 1024 x 768 x 256
- ¥ Max. resolution on external monitor: 1280 x 1024 x 256
- ¥ Contrast ratio: 30:1 (12.1Ó CSS), 80:1 (12.1Ó CTS), 150:1(13.3Ó CTX)
- ¥ Dot Pitch: .264 mm H x .264 mm W (13.3Ó XGA) .3075 mm H x .3075 mm W (12.1Ó TFT) .0775 (RGB) H x .28 mm W (12.1Ó DSTN)

DISK DRIVES & PERFORMANCE:
- ¥ 20X** Speed CD-ROM module
- ¥ Floppy 3.5Ó 1.44 MB module
- ¥ 4.0 GB, 3.0 GB, 2.1 GB or 1.6 GB
- ¥ UltraDMA Support (4.0 GB only)
- ¥ Average access (seek) time: 13 m sec.
- ¥ SmartBay support

GRAPHICS:
- ¥ Cirrus Logic 7556 graphics controller
- ¥ 32-bit PCI bus accelerated graphics
- ¥ 64-bit video RAM interface
- ¥ 2 MB EDO video memory
- ¥ Simultaneous internal/external monitor support
- ¥ Windows GUI accelerators
- ¥ Enhanced video drivers support
- ¥ Direct X/Active X support

POWER MANAGEMENT:
- ¥ Advanced Power Management (APM) 1.1 support
- ¥ LCD off when lid closed
- ¥ Suspend to disk
- ¥ Suspend to RAM

SECURITY:
- ¥ User password
- ¥ Hard drive sector protection
- ¥ System boot, setup, and keyboard/mouse input protection
- ¥ Kensington cable lock support
- ¥ Removable HDD
- ¥ Trial version CompuTrace and Connected Online Backup
- ¥ Anti-theft DEFCON 1 option
- ¥ McAfee VirusScan

BATTERY:
- ¥ Lithium Ion (Duracell DR36-Compatible)
- ¥ Battery life*: min. 2 hrs at .5 c discharge rate
- ¥ Battery size: 5.5Ó W x 3.5Ó D x .8Ó H
- ¥ Weight: .924 lbs
- ¥ Charge time (system off): 3 hrs to 90%
- ¥ Charge time (system on): 5 hrs to 90%
- ¥ Nominal open circuit voltage: 10.8 Vcc
- ¥ Number of cells: 9
- ¥ Battery capacity: 3900 mAhr, 46 whr
- ¥ Battery rating: 10.8v/4.35Ahr

AC ADAPTER:
- ¥ Free voltage sensing 100–240 VAC
- ¥ Size: 1.75Ó W x 4.02Ó D x 1.04Ó H
- ¥ Weight: .459 lbs
- ¥ Line frequency: 50 Hz - 60 Hz
- ¥ Input current: 1.0A 100v–0.5A 240v
- ¥ Output current: 2.1A
- ¥ Output voltage: 19 OVDC

PC CARD EXPANSION SLOTS:
- ¥ 2-Type II or 1-Type III
- ¥ TI 1131 PCMCIA controller
- ¥ Zoomed Video support
- ¥ 32-bit Card Bus support

LCD STATUS DISPLAY PANEL:
- ¥ Power, battery status, HDD access, floppy drive access, CD-ROM drive access, caps lock, numeric keypad activated, scroll lock

FLASHBIOS:
- ¥ BIOS (256 KB) upgrades performed by AST Authorized Service Centers via diskette

KEYBOARD:
- ¥ 87/88 key keyboard (101/102 key compatible)
- ¥ 19 mm key spacing with 3 mm travel (Full-size keys)
- ¥ 12 dedicated function keys
- ¥ Inverted OTÓ arrow keys
- ¥ Integrated SmartPoint touchpad (45.9 x 65.1 mm for sensor area)
- ¥ Keyboard volume control
- ¥ Palm rest
- ¥ Mouse buttons

TEMPERATURE RANGE:
- ¥ Operating: 41ú to 95ú F (5ú to 35ú C)
- ¥ Shipping: 14ú to 112ú F (-10ú to 50ú C)
- ¥ Relative humidity (non-condensing):

20 to 80% (operating)
15 to 95% (storage)

AUDIO:
- ¥ Integrated Crystal 4237 Audio
- ¥ SRS 3D Sound
- ¥ MIDI and .WAV support
- ¥ Embedded dual stereo speakers and microphone
- ¥ 8/16-bit stereo/mono playback and recording
- ¥ High performance 16-bit Sigma Delta Stereo Codec
- ¥ Fully compatible with multimedia PC Level-2 specifications
- ¥ MPU 401 UART Mode-Compatible
- ¥ Volume control switch

STANDARD I/O PORTS:
- ¥ USB port
- ¥ 1 serial port (16550 UART-compatible) (9-pin D-shell connector)
- ¥ 1 parallel bi-directional port (25-pin D-shell connector)
- ¥ 1 external FDD port (26-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 mini-dock/docking station
- ¥ 1 two-way infrared port (IrDA-1/2 compatible)
- ¥ PCMCIA 56 kbps data/fax modem (on certain models)
- ¥ 1 microphone-in port
- ¥ 1 line-out port
- ¥ DC power jack

DIMENSIONS & WEIGHTS WITH CD-ROM DRIVE:
- ¥ 12.1" TFT and 12.1" DSTN: 12.0Ó W x 9.7Ó D x 1.7Ó H
- ¥ 13.3Ó XGA: 12.2Ó W x 9.5Ó D x 1.85Ó H
- ¥ 12.1Ó TFT 6.27 lbs
- ¥ 12.1Ó DSTN 6.49 LBS
- ¥ 13.3Ó XGA 6.60 LBS

OPERATING SYSTEM:
- ¥ Microsoft Windows 95 or Microsoft Windows NT 4.0

THIRD PARTY APPLICATIONS:
- ¥ PUMA TranXit
- ¥ CompCore MPEGSoft II (MPEG1)
- ¥ McAfee VirusScan
- ¥ LapLink for Windows 95 by Traveling Software
- ¥ Cybermedia Oil Change
- ¥ Connected On-Line Backup
- ¥ Absolute CompuTrace

3-YEAR WORLDWIDE LIMITED WARRANTY:
- ¥ Year 1: ExeCare Plus 48-hour repair (U.S. only)
- ¥ Years 2-3: Worldwide carry-in service and mail-in service
- ¥ Optional: ExpressÓ48 overnight, on-site (U.S. only)
- ¥ Optional: notebook insurance (U.S. only)

Designe

WORLDWIDE HEADQUARTERS

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AST COMPUTER
Working for your business.™

ASCENTIA M

THE BUSINESS NOTEBOOK FOR EVERY SITUATION

Simply put, the Ascentia M notebook from AST is the smartest mobile computing solution on the market. With the most advanced security features in the industry, the Ascentia M provides peace of mind by protecting your system and its data. Plus, with bundled software, warranty options and enhanced customer programs, the Ascentia M combines ease of use features with a unique platform solution that meets the widest range of configurations. This mobile computing powerhouse provides common docking, accessories and peripherals, making the Ascentia M astonishingly simple to integrate into virtually any companyÕs mobile force. And thatÕs just the beginning. The Ascentia M also offers the fastest Intel Pentium processors with MMX technology, Intel 430TX chipset and 512 KB Level-2 cache. ThereÕs no doubt that this latest notebook from AST can easily increase your productivity while lowering your cost of ownership. Whatever your business does, regardless of its size, it could certainly benefit from the powerful simplicity of the Ascentia M.

COMPREHENSIVE SECURITY SOLUTIONS KEEP YOUR DATA PRIVATE AND YOUR SANITY INTACT

As computing becomes more mobile, the need for greater security becomes paramount. After all, you canÕt afford to have your confidential information and precious corporate documents compromised. ThatÕs why AST has instituted the most thorough security solution available. To begin with, we offer safeguards like a removable hard drive, and options like a Kensington Lock adapter and an anti-theft DEFCON 1 alarm. Next, weÕve made it easy to try out the finest mobile security available by bundling trial Connected Online Backup and CompuTrace software into your purchase. Connected Online Backup provides single-button, incremental encrypted remote backup technology. By encrypting data during transmission and storage, your information is always available and safe. CompuTrace is the revolutionary software computer tracking system that locates and assists the recovery of lost or stolen laptops Ñ and helps catch the thieves in the process. Also included is outstanding anti-virus software from McAfee. Finally, AST also offers both an add-on notebook insurance warranty* and a next-day replacement program*. These services will repair and/or replace a notebook that has fallen prey to any type of disaster like floods, fires, earthquakes or even a light-fingered criminal.

* Contiguous U.S. only

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