BRAVO MS

POWER AND PERFORMANCE MADE EASY

QUALITY AND RELIABILITY FROM A WORLDWIDE LEADER

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

FEATURES	BRAVO MS (DESKTOP)	BRAVO MS (MINI-TOWER)
INTEL PENTIUM II PROCESSORS*:	• 266 MHz with MMX technology • Intel 440LX AGPset	• 266 MHz with MMX technology • 300 MHz with MMX technology • Intel 440LX AGPset
INTEL PENTIUM PROCESSORS*:	• 166 MHz with MMX technology • 200 MHz with MMX technology • 233 MHz with MMX technology • Intel 430TX PCIset	• 200 MHz with MMX technology • 233 MHz with MMX technology • Intel 430TX PCIset

DISK DRIVES:	• Four drive bays
	  - One 3.5" floppy drive
	  - Two 5.25" external
	  - One 3.5" internal
		• Six drive bays
		  - One 3.5" floppy drive
		  - Three 5.25" external
		  - Two 3.5" internal

AST FLEXCHASSIS:	• Mid-size • 17.75" W x 5.45" H x 17.25" D • Approx. 28 lbs.	• Mini-tower • 8.02" W x 17.5" H x 17.5" D • Approx. 31 lbs.
EXPANSION SLOTS:	• Two 32-bit PCI • One 16-bit ISA • One PCI/ISA shared • One 32-bit AGP (Pentium II only)	• Three 32-bit PCI • Four 16-bit ISA • One 32-bit AGP (Pentium II only)
POWER SUPPLY:	• 200 watt (front panel switch) • Suspend/resume mode supported	• 200 watt (front panel switch) • Suspend/resume mode supported * Models may vary by country

INCLUDED IN THE BRAVO MS SERIES:

CACHE:
• Primary: Integrated 32 KB
• Secondary: Integrated 512 KB

GRAPHICS:
• Integrated PCI-based ATI Rage II+ 3D graphics
• 2 MB SGRAM standard, upgradable to 6 MB
• AGP ready (Pentium II only)
• Maximum resolution: 1600 x 1200 NI, 65K colors @ 76 Hz or 1280 x 1024 NI, 16.7M colors @ 75 Hz

HARD DRIVE MODELS:
• 2.0 GB, 3.0 GB, 4.3 GB
• EIDE UltraDMA-33
• S.M.A.R.T. Drive Technology

MEMORY:
• 32 MB SDRAM
• Three DIMM sockets
• Expandable to 384 MB on systemboard
• 168-pin, non-parity SDRAM
• ECC support

CD-ROM:
• 24X maximum EIDE (Pentium II only)
• 16X maximum EIDE (Pentium with MMX technology)

POWER MANAGEMENT:
• Energy Star compliant
• VESA DPMS compliant
• APM 1.2 compliant
• ACPI support

LAN:
• Integrated Intel 10/100MBs PCI Ethernet controller
• Magic Packet technology (provides wake-up signal)
• Three LAN LEDs
• Disable via BIOS setup

SOFTWARE:
• AST-CommandCenter™ utilities
  Intel LANDesk 3.0
  McAfee VirusScan
  McAfee WebScan
  AST-SystemGuard™
  AST-AudioWorks™(ESS AudioRack, ESS AudioRecorder)
• Operating Systems Choice of Microsoft® Windows® 95 or Windows NT™ 4.0
• AST FlashBIOS

AUDIO:
• ESS 1869 (16-bit stereo)
• Sound Blaster compatible
• Spatializer® 3D Stereo
• Integrated Wavetable Support

STANDARD I/O:
• Two USB ports
• Two serial ports (16550 UART)
• One parallel port (EPP/ECP)
• One PS/2 compatible mouse port
• Audio: line-in, line-out, microphone Ethernet

KEYBOARD/MOUSE:
• Standard 101/102-key layout plus three Windows 95 function keys
• Mini DIN connector
• Microsoft mouse

DOCUMENTATION:
• User's manual Microsoft Windows 95 or Windows NT 4.0

HARDWARE MONITORING:
• Temperature, voltage, fan speed, chassis intrusion

BIOS:
• DMI 2.0 compliant
• Soft on/Soft off
• Two level password
• 2 Mbit EPROM, boot block
• Year 2000 compliant
• PC 97 compliant (Pentium II only)

ADVANCED TECHNOLOGIES:
• AST System Noise Reduction (SNR)
• AST FlexChassis

AST COMPUTER
Working for your business.

BRAVO MS

RAISING THE BAR FOR CORPORATE DESKTOPS

As technology continues to advance and become increasingly complicated, it's more important than ever to choose business solutions that are easy to purchase, maintain and manage. Enter Bravo MS, the new family of business PCs from AST®. You'll find that these high performance network solutions not only incorporate the leading-edge capabilities that keep you ahead of the competition, but their ingenious design makes them the easiest PCs to use and support.

The Bravo MS is setting a new standard in the world of corporate desktops by offering a full range of Intel® Pentium® processors with MMX™ technology and Pentium II processors, unsurpassed graphics, the industry's first NLX push-button FlexChassis design and further advances in environmentally friendly PCs. And that's only half the story. AST knows that hardware alone isn't enough. So we have a fleet of customer programs tailored to your needs. These programs, combined with the highly advanced Bravo MS design, give your company the tools — and the room — it needs to grow.

ADVANCED TECHNOLOGY FOR YOU AND YOUR ENVIRONMENT

Once again AST leads the way in environmentally friendly computing. In addition to installing power and money saving suspend/resume modes on all of our new PCs, the Bravo MS is the industry's first "Quiet PC." AST's System Noise Reduction (SNR) technology makes the Bravo MS up to 70% quieter than our competition. By lowering the amount of "white noise" to about 28 decibels, this whisper quiet computer far exceeds the National Institute for Occupational Safety and Health's (NIOSH) guidelines. Your ears might not realize how much better this environmentally sensitive design is for them, but you will undoubtedly notice the difference it makes during conference calls, training sessions or just trying to concentrate. The Bravo MS is the first business PC on the market to make your office more peaceful while increasing your productivity.