

BRAVO LC

[S E R I E S]



THE HIGH-

TECH

VALUE

SOLUTION.

AST[®]
COMPUTER

BRAVO LC

TECHNOLOGY MEETS AFFORDABILITY.

With the Bravo LC, AST has achieved a truly remarkable feat in low-cost business computing. Thanks to our exceptional engineering team, we found a way to put the

absolute latest technologies into our value-priced desktop — without added expense. So, you don't have to sacrifice up-to-the-minute innovations for affordability.

This radical, best-of-class business machine has powerful Intel® Pentium® processors for extraordinary speed. With more expansion capabilities and faster hard drive acceleration, its value is unquestionable. In fact, for

the price of the Bravo LC, you're virtually getting a higher-end computer. Because unlike competitors, the

Bravo LC doesn't sacrifice technology in an entry-level machine. And as if that weren't enough, you even

have a choice of operating systems, so you can pick the most logical solution for

your business computing needs. Our dual install operating system strategy allows

you to select from Microsoft® Windows® 95 or Windows for Workgroups 3.11, and enjoy heightened

productivity instantly. AST has packed so much leading-edge technology into the Bravo LC, that

feature for feature, it's the most forward-thinking, economical business solution ever. Proving you don't have

to sacrifice the latest technology for value.



256 KB
CACHE
STANDARD

EIDE4
M O D E
S U P P O R T

[V A L U E]

KEY FEATURES:

- Choose from ultra-fast 100, 133, or 166 MHz Intel® Pentium® processors
- 256 KB of asynchronous cache - upgradable to 256 KB pipeline burst synchronous cache
- 8 or 16 MB of EDO RAM - upgradable to 128 MB
- New, PCI-based 64-bit AST-SmartShare™ memory architecture
- 630 MB or 1.2 GB Enhanced IDE hard drives. EIDE Mode 4 support (16 MB/sec.)
- Two PCI and three ISA expansion slots, plus 5 drive bays
- Easily-serviceable chassis design
- Energy Star and DPMS compliant

THE HIGH VELOCITY PROCESSOR SUBSYSTEM.

By coupling fast Intel® Pentium® processors with 256 KB of standard, asynchronous *second-level* cache, (upgradable to 256 KB pipeline burst synchronous cache), AST has really gone the extra mile to ensure the Bravo LC's outstanding speed. Unlike other desktops in its class, the system also supports up to 128 MB of the newer, faster EDO RAM for amazingly swift performance. You'd be hard-pressed to find another machine with this much power and system memory. The Bravo LC is proof that performance doesn't have to take a back seat to value.

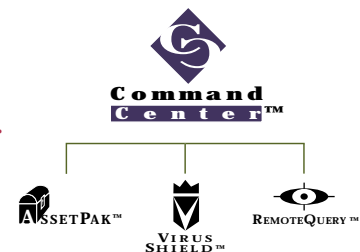
INTRODUCING AST-SMARTSHARE™ MEMORY ARCHITECTURE.

AST-SmartShare is a revolutionary new way of designing graphics subsystems that enables the graphics and processing system to share main system memory. Costly graphics components are eliminated, while still devoting a robust 1-2 MB to the graphics subsystem. AST worked closely with core logic designers to develop this unique memory solution which features 135 MHz RAMDAC and 24-bit color. This groundbreaking innovation accounts for the Bravo LC's exceptional value and outstanding system balance.



UNPRECEDENTED SOFTWARE SUPPORT: REDUCE COSTS. INCREASE EFFICIENCY.

When choosing a business system, future cost-efficiency is a major factor. That's why our engineers designed AST-CommandCenter™ — a comprehensive package of software support that not only benefits the user, but the whole corporation. These management tools debuted over a year ago, and competing systems are just now struggling to follow our lead with the types of extensive virus protection, security safeguards and DMI measures we've already had for some time. And now, we've gone a step further with AST-RemoteQuery™, allowing administrators to remotely view and control networked PCs. Plus, with optional AST-LifeLine™* real-time diagnostic support, it's the most comprehensive spectrum of software in its class. AST-CommandCenter makes cost of ownership lower than ever with the Bravo LC.



*Currently available in U.S. and Canada only.

BRAVO LC

QUALITY AND RELIABILITY FROM A WORLDWIDE LEADER.

The Bravo LC comes with an excellent warranty, a host of optional warranty programs, and extensive online support, including a World Wide Web site at <http://www.ast.com>. With AST, you're getting a product from one of the largest and most respected personal computer manufacturers in the world.



BRAVO LC

PROCESSORS:*

- 100 MHz Intel® Pentium® Processor
- 133 MHz Intel® Pentium® Processor
- 166 MHz Intel® Pentium® Processor

*(Models may vary by country)

CACHE:

- Primary: Integrated 16 KB cache
- Secondary: 256 KB asynchronous standard
- Optional: 256 KB pipeline burst synchronous

HARD DRIVE MODELS:

- 630 MB, 1.2 GB EIDE
- EIDE Mode 4 support

GRAPHICS:

- Integrated PCI-based AST-SmartShare memory architecture
- 64-bit controller - 135 MHz pixel clock, 24-bit true color RAMDAC
- 1 MB standard, expandable to 2 MB
- Max. resolution: 1280 x 1024 NI 256 colors @72 Hz or 1024 x 768 NI 64K colors @72 Hz

MEMORY:

- 8 MB or 16 MB EDO RAM (1-2 MB dedicated to AST-SmartShare)
- Four SIMM sockets
- Expandable up to 128 MB on systemboard
- 72-pin JEDEC, non-parity, 60 ns

POWER MANAGEMENT:

- Energy Star certified
- VESA DPMS compliant

SOFTWARE:

- AST-CommandCenter Utilities
 - AST-VirusShield™
 - AST-AssetPak™
 - AST-RemoteQuery featuring Intel® LANDesk® technology
 - AST-LifeLine ready**
- Dual Install: MS-DOS®/Windows® for Workgroups 3.11 or Windows 95 on HD models
- AST FlashBIOS

**Currently available in U.S. and Canada only.

DISK DRIVES:

- 1.44 MB, 3.5" diskette drive
- 5 drive bays:
 - One 3.5" floppy drive standard
 - Two 5.25" external
 - Two 3.5" internal
- Supports 4 local bus Enhanced IDE devices

STANDARD I/O:

- 2 serial ports (16550 UART)
- 1 bi-directional parallel port
- 1 PS/2-compatible mouse port

EXPANSION SLOTS:

- Two 32-bit PCI
- Three 16-bit ISA

CHASSIS:

- Mid-size with security bracket
- 17.50" (W), 4.50" (H), 17.12" (D), 44.45 cm (W), 11.43 cm (H), 43.48 cm (D)
- Approx. 22 lbs. (9.97 kg.)

TEMPERATURE RANGE:

- Operating: 50° to 95° F (10° to 35° C)
- Shipping: -22° to 140° F (-30° to 50° C)
- Relative humidity (non condensing) Operating: 20 to 90%

POWER SUPPLY:

- 145 watt
- Operating voltage: 115 VAC switchable to 220 VAC

KEYBOARD/MOUSE:

- Standard 101/102-key layout plus three Windows 95 function keys
- Mini DIN connectors
- Microsoft® Defender mouse (HD models)

DOCUMENTATION:

- User's manual
- MS-DOS/Windows for Workgroups Basics (HD models)
- Windows 95 manual (HD models)



WORLDWIDE HEADQUARTERS

AST Research, Inc.
16215 Alton Parkway
Irvine, CA 92618-3618
In the U.S. and Canada
Call 1-(800) 876-4278
International inquiries
Call (+1) (714) 727-9292
World Wide Web address:
www.ast.com

AFRICA
Tel: (+44) 181-587-3000

AUSTRALIA
Tel: (+61) 2-9952-6400

BENELUX
Tel: +32 3 450 87 20

CANADA
Tel: (+1) (905) 507-3278

CHINA, PEOPLE'S REPUBLIC
Tel: (+86) 10-6505-2950/2951

DENMARK
Tel: +45 45 17 02 00

FINLAND
Tel: (+358) 0-5492 5400

FRANCE
Tel: (+33) 1-47-52-22-22

HONG KONG
Tel: (+852) 2806-4333

INDONESIA
Tel: (+62) 21-526-7951

ITALY
Tel: (+39) 2-269751

JAPAN
Tel: (+81) 3-5403-2751

LATIN AMERICA/MEXICO
Tel: (+1) (214) 702-0388

MALAYSIA
Tel: (+60)-3-202-3302

MIDDLE EAST
Tel: (+971) 4-816816

NEW ZEALAND
Tel: (+64) 9-308-2530

NORWAY
Tel: (+47) 66-84 21 00

PAKISTAN
Tel: (+92) 21-577953

SINGAPORE
Tel: (+65) 4711312

SWEDEN
Tel: (+46) 8-473 73 00

SWITZERLAND
Tel: (+41) 1-744-58-58

TAIWAN
Tel: (+886) 2-377-5123

THAILAND
Tel: (+66)-2-6551491-5

U.K./EIRE/EUROPE
Tel: (+44) 181-587-3000

AST is a registered trademark and AST Computer, the AST logo, AST-SmartShare, AST-CommandCenter, AST-RemoteQuery, AST-LifeLine, AST-VirusShield, and AST-AssetPak are trademarks of AST Research, Inc. Intel, Pentium, LANDesk and the Intel Inside logo are registered trademarks and the Pentium Processor logo and the Intel LANDesk logo are trademarks of Intel Corporation. Microsoft, MS-DOS and Windows are registered trademarks of Microsoft Corporation. All other product or service names mentioned herein may be trademarks or registered trademarks of their respective owners. The information in this brochure is subject to change without notice. Reference to the Energy Star program does not represent EPA endorsement of any product or service. AST Research, Inc. shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from the furnishing, performance or use of this material.

Copyright © 1996, AST Research, Inc. All rights reserved. Printed in U.S.A.

Worldwide English Version 9/96 040006-644-B

AST
COMPUTER