





LEADING-EDGE TECHNOLOGY



THE TECHNOLOGY OF INFORMATION AND IDEAS HAS  
ADVANCED IMMEASURABLY SINCE MANKIND FIRST  
SCRATCHED SYMBOLS ONTO STONE. BUT EVEN IN THIS  
AGE OF THE COMPUTER, WITH ITS ABILITY TO STORE  
AND ACCESS HUGE AMOUNTS OF INFORMATION,  
MOST PCs ARE EITHER TIED TO THE MAINS, TOO BULKY  
OR LACK SUFFICIENT POWER. AS A RESULT MANY OF  
TODAY'S EXECUTIVES STILL RELY ON PEN AND PAPER.

NOW, AMSTRAD HAS TAKEN THE EVOLUTIONARY  
PROCESS ONE STAGE FURTHER AND USED ITS  
RECOGNISED EXPERTISE IN PORTABLE COMPUTING TO  
CREATE TWO NEW NOTEBOOK PCs WHICH  
CONCENTRATE PERFORMANCE AND CAPACITY INTO  
COMPACT A4-SIZED UNITS YOU CAN TAKE WITH YOU  
WHEREVER YOU GO. THE ENTRY-LEVEL ANB-386SX20  
AND THE HIGH-END ANB-386SX40 BUILD ON THE  
SUCCESS OF THE MARKET-LEADING ALT LAPTOPS WITH  
A UNIQUE COMBINATION OF LEADING-EDGE  
TECHNOLOGY TOGETHER WITH SUPERB DESIGN  
ERGONOMICS.

AMSTRAD'S PROVEN TRACK RECORD IN THE PORTABLE  
MARKET HAS GIVEN THESE TWO NOTEBOOKS ALL THE  
INDUSTRY-STANDARD FEATURES OF MACHINES MANY  
TIMES THEIR SIZE AND WEIGHT, AND POWERFUL  
CENTRAL PROCESSORS, ALL OF WHICH LEAVE THE  
COMPETITION STANDING.

“ AMSTRAD

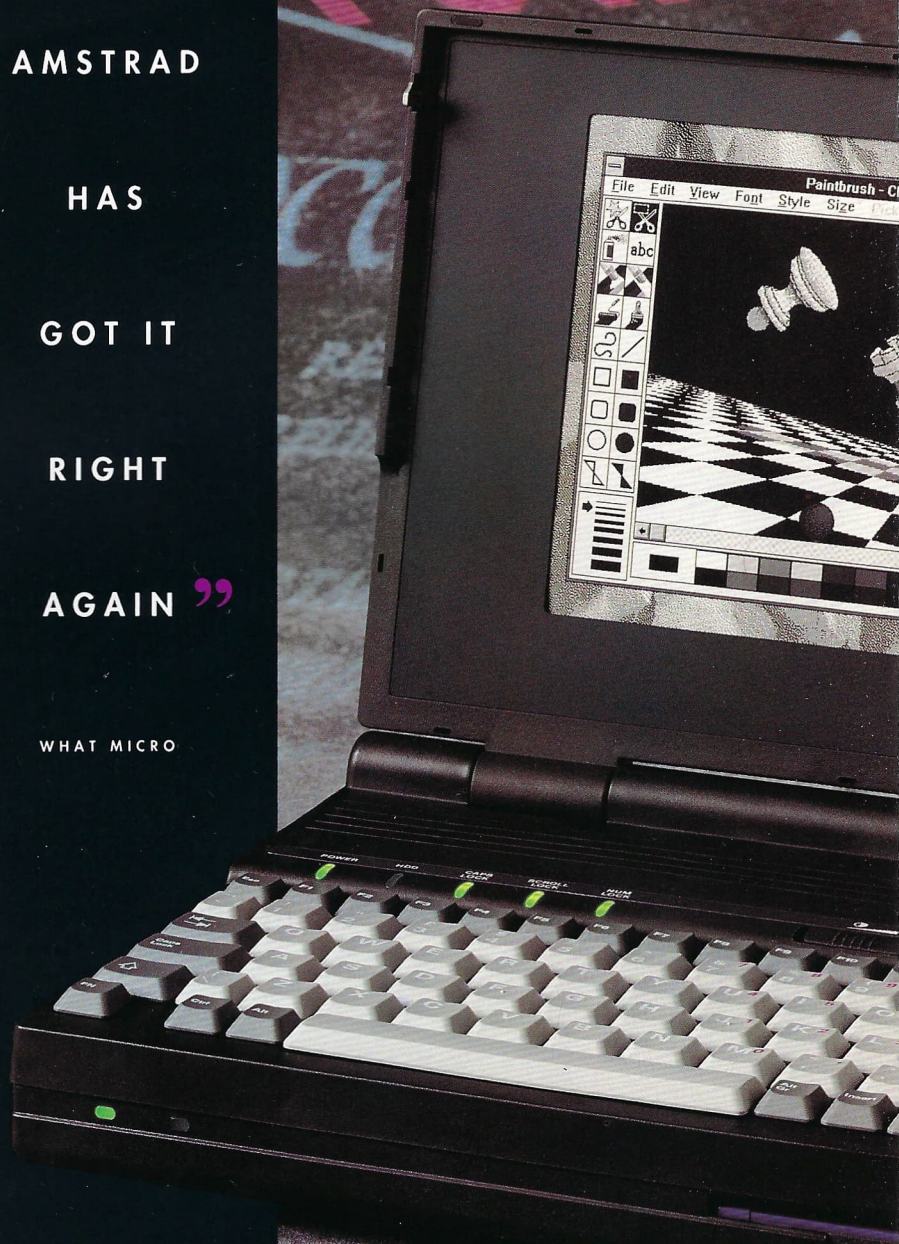
HAS

GOT IT

RIGHT

AGAIN ”

WHAT MICRO



INSTALLING AN EXPANSION CARD

VGA



**F E A T U R E S**

Fast 16 and 20MHz 80386sx based notebook PCs

Compact A4 design weighing less than 3.3Kg

1 or 2Mb of RAM\*. Optional expansion up to 5Mb

High-quality backlit VGA LCD display with large viewing area and an astonishing 64-level grey scale, with 1:1 Aspect ratio

20 or 40Mb capacity\* fast-access 23ms hard disk drive with auto-parking

Forward-facing internal high-density 1.44Mb 3.5" floppy disk drive

Standard RS232 serial port and Centronics parallel printer interface

Ergonomically designed 82-key keyboard including 12 function keys and embedded numeric keypad

Sockets for external PS/2 keyboard and mouse

Connector for external VGA colour monitor

Advanced power-management functions including Standby, Smart Sleep, Auto Time-out and Suspend/Resume mode

3-hour removable NiCad battery-pack

Battery or mains operation with simultaneous fast-charging

Expansion socket for internal custom modem card\*\*

Expansion socket for internal custom Ram cards

Durable construction, advanced design

Microsoft MS-DOS 5.0

\* Model dependent

**STATE-OF-THE-ART**

While many portables still use the 80286, the Amstrad notebooks are built around Intel's powerful 80386sx microprocessor - offering 386 performance at 286 prices. The ANB-386SX20 with its 16MHz chip and the ANB-386SX40 with its fast 20MHz chip give you the ability to run the complete range of today's advanced software applications, whilst taking advantage of multi-tasking and virtual memory. There is even a socket for easy installation of a maths coprocessor to give an extra boost of power, and an expansion slot allowing a custom modem card\*\* to fit neatly inside the ANB-386SX, which means your office is always within easy reach.

**64 GREY SCALE DISPLAY**

The ANB-386SX20 and ANB-386SX40 both come equipped with a superb 64-level grey scale display which offers full VGA compatibility and a quality second to none. Indeed, after seeing the true shading of monochrome images which this screen is capable of, you will never want to look back at the miserly 16 levels of grey prevalent on many other portables. Its 1:1 aspect ratio means that circles are circles - not ovals as some portable screens would have you believe, and the powerful backlight behind the screens provides a high level of contrast, ideal for any ambient light conditions, whether at home, in the office, or in the field.

**NO MEMORY PROBLEMS**

The notebooks come with a generous amount of memory as standard - 1Mb in the ANB-386SX20 and 2Mb in the ANB-386SX40 - enough for most memory-hungry applications. This can be expanded up to a massive 5Mb by adding user-installable memory upgrade cards. Fast-access hard disks are built in to both models as standard, the ANB-386SX20 with its 20Mb and the ANB-386SX40 with its 40Mb hard disk give you plenty of space to store all your programs and data. A forward facing 3.5" 1.44Mb floppy drive makes data transfer quick and trouble free.

**LONG BATTERY LIFE**

The removable NiCad battery pack will run for up to 3 hours on a single charge and the advanced power management features help prolong battery life. Closing the lid activates the Suspend/Resume function which automatically saves your work to memory reducing power consumption to less than 5%. When the lid is re-opened the ANB-386SX resumes where you left off. The auto-switching mains power pack will simultaneously charge the battery and power the ANB-386SX. The Amstrad notebooks give you the complete freedom to compute, with no compromises.



**AUTO-SWITCHING MAINS POWERPACK**



# SPECIFICATIONS

REAR ELEVATION OF ANB-386SX  
ACTUAL SIZE ▶

MODEL	ANB-386SX20	ANB-386SX40
Processor	80386sx	80386sx
Processor Speed	16 MHz	20 MHz
Main Memory	1 Mbyte standard Expandable to 2 or 5 Mbyte by custom 1 Mbyte or 4 Mbyte option card	2 Mbyte standard Expandable to 5 Mbyte by custom 4 Mbyte option card
Ram may be used for	BASE (640kbytes), BIOS SHADOW and SUSPEND (384k), EXTENDED, or LIM/EMS (4 registers)	BASE (640kbytes), BIOS SHADOW and SUSPEND (384k), EXTENDED, or LIM/EMS (4 registers)
Coprocessor	Socket for 80387sx-16	Socket for 80387sx-20
Real Time Clock	On-board 5 year battery backed	On-board 5 year battery backed
Floppy disk	3.5" 1.44 Mbyte	3.5" 1.44 Mbyte
Hard disk	20 Mbyte, 23ms, 2 1/2" form factor, with power down modes	40 Mbyte, 23ms, 2 1/2" form factor, with power down modes
Expansion slots	1 slot for custom modem module** 1 slot for 1 Mbyte or 4 Mbyte custom RAM card	1 slot for custom modem module** 1 slot for 4 Mbyte custom RAM card
Graphics Interface	On-board VGA (EGA, MDA, Hercules compatible)	On-board VGA (EGA, MDA, Hercules compatible)
Keyboard	82 key with embedded numeric pad	82 key with embedded numeric pad
Software	MS-DOS 5.0	MS-DOS 5.0
Speaker	Yes, with fixed volume level	Yes, with fixed volume level
Interfaces	Bi-directional parallel port, Serial RS232 port, keyboard (PS/2 style), Mouse port (PS/2 style), VGA monitor port, power supply/charger	Bi-directional parallel port, Serial RS232 port, keyboard (PS/2 style), Mouse port (PS/2 style), VGA monitor port, power supply/charger
Battery Pack	Internal, removable, rechargeable NiCad battery pack (3 hour life)	Internal, removable, rechargeable NiCad battery pack (3 hour life)
AC Adaptor charger	Simultaneously runs PC and charges batteries. Input 100-240 Vac, 50-60Hz	Simultaneously runs PC and charges batteries. Input 100-240 Vac, 50-60Hz
Power Management †	Standby Sleep Smart Sleep Suspend/Resume Auto Time-outs	Standby Sleep Smart Sleep Suspend/Resume Auto Time-outs

## DIMENSIONS

Width	280mm	280mm
Depth	216mm	216mm
Height	52mm	52mm
Weight	3.25kg including battery pack	3.25kg including battery pack

## SCREEN

Resolution	640x480 Backlit VGA LCD	640x480 Backlit VGA LCD
Grey Scales	Showing 64 grey levels.	Showing 64 grey levels.
Viewing area	173x130mm.	173x130mm.
Aspect ratio	1 : 1	1 : 1

\*\* Amstrad does not guarantee the availability of custom expansion cards including custom modem cards.

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