THE POWERFUL COMPUTER THAT COMES WITH EVERYTHING YOU NEED AND WANT...AT LAST.

AN INDUSTRY FIRST:

MIGA FLEXIBILITY: EGA/CGA/MGA HERCULES** CAPABILITY...ALL BUILT-IN! THREE MONITOR CHOICES – JUST SELECT THE MONITOR SUITED TO YOUR NEEDS AND FLIP THE SWITCH! IBM COMPATIBILITY, MIGA FLEXIBILITY, GEM/MOUSE CAPABILITY, HIGH SPEED BUILT-IN EXPANDABILITY. PLUS LOTS OF SOFTWARE, A MONITOR, A MOUSE, AND A REMARKABLE PRICE.

The new Amstrad PC1640 is truly unique among the serious personal computers of the world. One reason is that it comes with everything you need to start computing within minutes after you take it out of the box. Another is GEM Desktop windowing software utilizing the mouse's point & click action to simplify keyboard commands.

FULLY CONFIGURED...NO EXPANSION NECESSARY

The PC1640 is unique in that you won't have to spend a fortune to expand its extraordinary capabilities. The PC1640 was designed from the chassis up as a complete package of computing power. Using state-of-the-art LSI's*, Amstrad offers all the popular standard features including: 16 bit 8 mhz. CPU, 640K memory, battery back-up quartz real time clock, serial/parallel ports, mouse with built in mouse port, volume controlled loudspeaker and a keyboard with joystick port.

Your PC1640 also gives you a choice of three storage capabilities—from floppy to hard disk.

GRAPHICS THAT BRING IDEAS TO LIFE

AMSTRAD introduces MIGA, the worlds' first integration of EGA, CGA and Hercules** capabilities into a single motherboard. Thus, no expensive graphics add on boards are necessary later. Select the system with the monitor you need today and always have the ability to upgrade with the more sophisticated monitor tomorrow—you already own the graphics capabilities...**in** the computer.

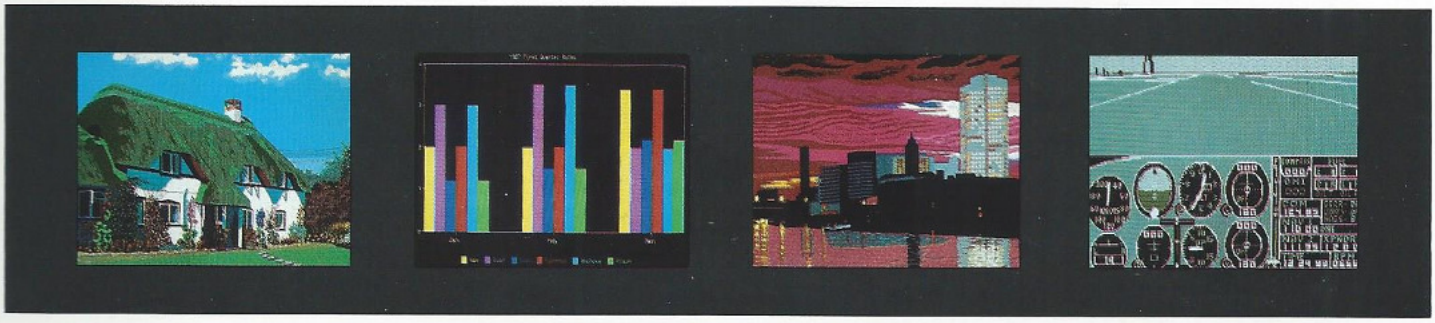
With EGA (Enhanced Graphics Adaptor), Digital Research's* GEM (Graphics Environment Manager) software, and a mouse included in your PC1640 system, you'll have everything you need to create state-of-the-art graphics—for business, designing or just for pleasure. Imagination is the only addition required.

When you purchase an Amstrad PC1640, you'll have a choice of one of three superb quality monitors—a Paper White Monochrome Display Monitor (Hercules**/EGA compatible), a CGA Color Monitor displaying vivid colors, or an EGA Color Monitor displaying 16 spectacular colors with 640 x 352 line resolution. Each one offers unmatched price performance and image clarity.

AMSTRAD®

YOU'LL NOT ONLY GET IBM COMPATIBILITY, YOU GET SOFTWARE TO USE IT.

Naturally, the PC1640 is designed to run all the popular software that's made for IBM compatibles. But what makes this computer system such a value is that it comes with lots of powerful software – Microsoft MS DOS V 3.2, GEM Desktop, GEM Paint, Calculator, Clock-Alarm, Print Spooler and Basic 2. Like we said, you get everything you need to start computing in one package.



SOFTWARE

Included with each PC1640:
Microsoft MS DOS V 3.2
Digital Research's GEM (Graphic Environment Manager)
Digital Research's GEM Desktop
Digital Research's GEM Paint
Locomotive Software's powerful GEM BASIC 2
Plus Calculator, Clock, Snapshot, Print Spooler and many more easy-to-use utilities.

Digital Research has produced a series of applications for GEM and the PC1640. They are: GEM Graph, GEM Write, GEM Chart, GEM Draw, GEM Wordchart and GEM Diary. Many other popular business and entertainment software titles also work well with the PC1640, such as Lotus 1-2-3*, Wordstar* and thousands of other IBM-PC compatible titles.

DIMENSIONS

System Unit – 14.7"W x 15.1"D x 5.3"H, 13.4 lbs. single drive, 17.1 lbs. double drive
Keyboard – 18.3"W x 6.3"D x 2.3"H, 2.6 lbs.

SPECIFICATIONS

- 640K memory
- 16-bit 8086 processor operating at 8.0 MHz
- 5¼" disk drive(s) 360KB
- Optional 20 mb hard drive (does not occupy expansion slot)
- CPU comes with MIGA Hercules** monochrome, CGA color, EGA color; all switchable on motherboard
- Paper white monochrome monitor with Hercules** compatibility and monochrome EGA capability displaying up to 720 x 348 resolution
- Optional RGB color monitor with standard IBM CGA emulation with 16 colors and 640 x 200 resolution
- Optional EGA color monitor with 16 colors from 64-color pallette and 650 x 352 resolution
- MIGA can be totally disabled to allow outboard monitor use through slots
- Choice of 3 displays (EGA, MGA, CGA) with standard video connectors
- Tilt and swivel monitor stand
- Battery-backed quartz real-time clock and configuration memory
- Serial and parallel ports
- PC-XT style keyboard
- Joystick port built into keyboard
- 3 IBM-PC compatible expansion slots (even with hard disk option fitted)
- Speaker with volume control
- Microsoft compatible "Mouse" with "Mouse" port
- Connector for light pen

NO WONDER AMSTRAD IS EUROPE'S BEST SELLER!

Since the introduction of AMSTRAD computers in Europe, sales have been record-breaking. With so many features and extras included for one terrific price, it's no wonder AMSTRAD now outsells all others in Europe.

*MIGA stands for Multifunction Internal Graphics Adaptor.
**LSI stands for large special integrated circuits.
**Digital Research, Hercules, Microsoft, IBM, GEM, MS DOS, Lotus 1-2-3 and Wordstar are registered trademarks respectively.
IBM is the registered trademark of International Business Machines.
GEM is the registered trademark of Digital Research, Inc.
MS DOS is the registered trademark of Microsoft Corp.
Lotus 1-2-3 is the registered trademark of Lotus Development Corp.
Wordstar is the registered trademark of MicroPro Inc.
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