Acorn Corporate NC

The Acorn Corporate NC is a revolutionary complement – or alternative – to the networked PC client. Its key advantages are that it can deployed in large numbers at low cost, and that it carries a very low maintenance overhead.

Relying on the network for its hard disc storage capacity, it is straightforward to use. From installation, through to configuration and upgrades, the Acorn Corporate NC is cheap to maintain because information is stored remotely at central points rather than on the desktop. In addition, because it is so easy to use, the need for user support is vastly reduced.
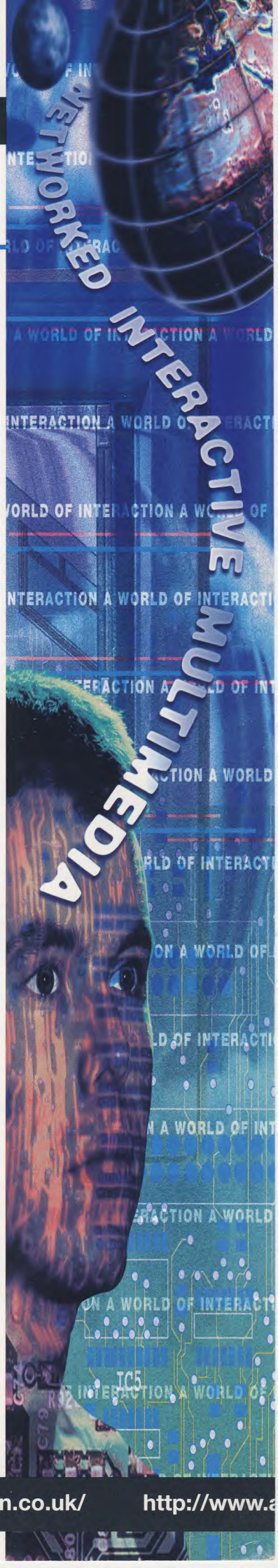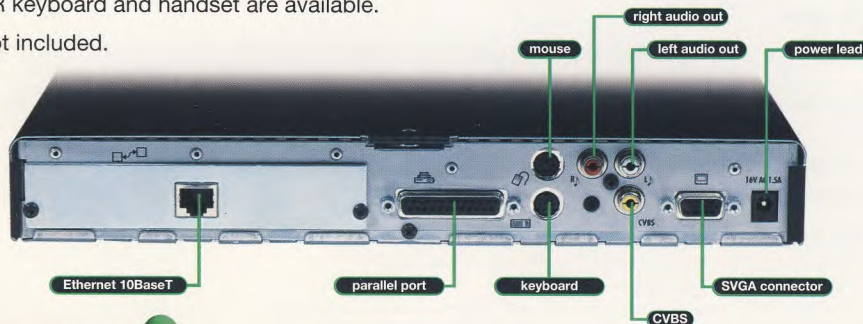
By deploying Acorn Corporate NCs, corporations can free up significant amounts of capital. Some estimates show that PCs in today's client-server systems are used to as little as 20% of their performance potential. This 'redundancy on the desktop' can be addressed as part of a phased hardware upgrade strategy, by the deployment of Acorn Corporate NCs.

Most organisations with a policy of upgrading their IT systems require new hardware and software to be compatible with existing systems. The Acorn Corporate NC can be integrated with legacy networks, platforms and applications, and interfaces with remote computer systems, to provide access to standard groupware applications on NT or UNIX platforms.

The Acorn Corporate NC gives today's organisations a major competitive edge by allowing them to cut IT costs significantly. It is an intelligent and natural complement to existing client infrastructure.

The technology of the Acorn Corporate NC is based on a mature operating system environment which is proven all over the world. Production units are available now, and come with a built-in Ethernet interface, Smartcard and standard, wired keyboard/mouse. Optional IR keyboard and handset are available.
Monitor not included.

Ethernet 10BaseT · parallel port · keyboard · CVBS · SVGA connector · mouse · right audio out · left audio out · power lead

Acorn

Technical Specification

The Acorn NC has a uniquely powerful combination of advanced features.

32-bit processor

- 40MHz ARM 7500FE, 35.9 dhrystone MIPs peak
- Memory Management Unit – support for virtual memory systems
- Floating Point Accelerator (IEEE 754 – 1985)
- Submicrosecond interrupt response, 4KB instruction and data cache

Memory

- 8–32 MB RAM
- 4–8 MB ROM for NC OS
- Removable ROM card

ROM card

- User upgradable without opening box
- Small card format

Smartcard slot

- Easily accessible
- Insert/remove detect
- Compatible with existing and proposed standards

System software and development tools

- ROM Operating System, extensible via network download
- Extensive graphics rendering support including outline anti-aliased fonts
- Network support includes 28.8Kb/s modem, 25.6Mb/s ATM, 10BaseT Ethernet, ISDN; TCP/IP, NFS
- Extensive high-level language support available, including C, C++ and debuggers

Peripheral support

- Wired keyboard/mouse or infra-red keyboard/mouse
- Handheld infra-red remote control
- Printer port
- Selection of printer drivers bundled in ROM

Web browser

- HTML 3.2 with common extensions supported
- GIF, JPEG, PNG XBM
- Forms
- Tables
- Frames
- Java interpreter
- Shockwave

Audio output

- 16-bit digital stereo
- WAV, AIFF, AU

Video output

- PAL TV version (760 x 576 x 16 bpp interlaced)
- NTSC TV version (640 x 480 x 16 bpp interlaced)
- SVGA resolution

I/O ports and interfaces

- CVBS and audio stereo sound output
- Parallel port, 25-pin D type
- Two front-panel LEDs, switched under software control

Word processor

- Full document creation capability
- MS Word 7 binary compatible (import/export)

Network interfaces

- 28.8Kb/s modem
- Ethernet (10BaseT)
- ATM (25.6Mb/s)
- ISDN

Dimensions

- Height 45mm, depth 260mm, width 310mm

ARM POWERED