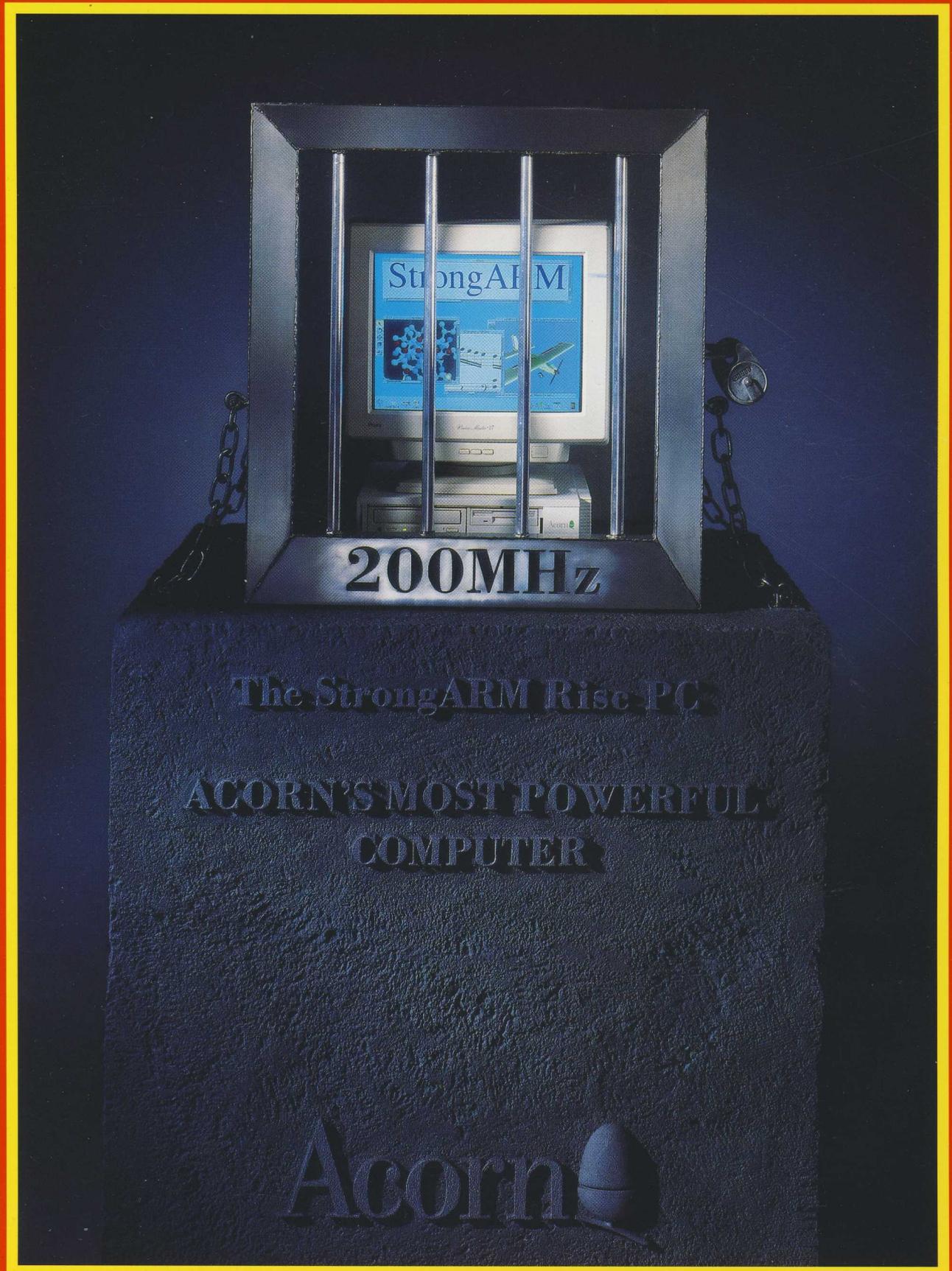


# The StrongARM Risc PC



200MHz

The StrongARM Risc PC

ACORN'S MOST POWERFUL  
COMPUTER

Acorn 

The StrongARM<sup>®</sup> Risc PC combines the proven advantage of the Risc PC with a groundbreaking ARM processor, jointly developed by ARM and Digital<sup>™</sup> Semiconductor.

The StrongARM processor at the heart of the StrongARM Risc PC is one of the fastest, most advanced ever developed for a mass-market computer and it delivers demonstrable advantages.

## Speed.

The advanced performance of the StrongARM Risc PC is apparent as soon as the machine is turned on.

- Initialises faster, loads applications faster.
- Handles processor-intensive tasks, such as rendering JPEG images, with impressive speed.
- Unparalleled response on the desktop.

Tests have shown that the StrongARM Risc PC achieves the following results:

	Dhrystones	Dhrystone MIPS v2.1
Risc PC 700	55k	32MIPS
ordinary DX2-66 PC	40k	23MIPS
ordinary P200 PC	295k	169MIPS
<b>StrongARM Risc PC</b>	<b>356k</b>	<b>204MIPS</b>

## Reliability.

The new StrongARM Risc PC runs cooler and offers greater reliability than any comparable machine.

- Processor power consumption is less than 1 Watt compared with at least 5 Watts for an ordinary PC.
- Cooler running means there's no need for a potentially troublesome fan.

## Upgradability.

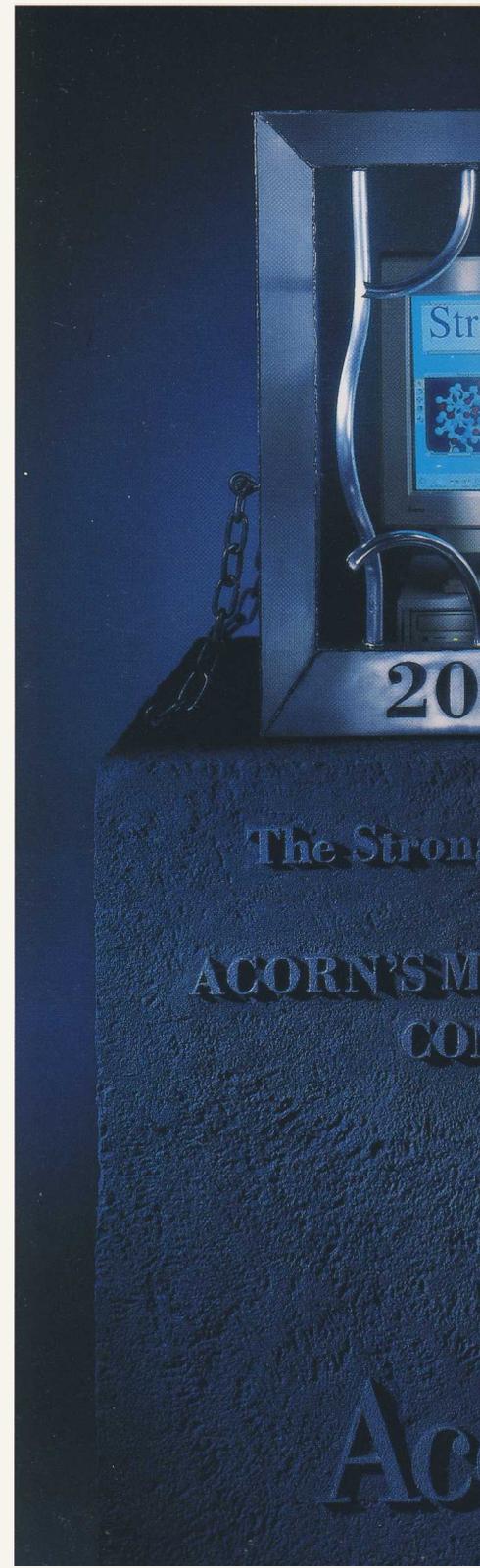
In common with all Risc PCs, the StrongARM Risc PC has future-proofing as an integral part of its specification.

- Low-cost upgrade path for all main system components.
- User-exchangeable processor cards.
- Modular case design expandable up to seven sections, holding up to eight expansion cards and 14 drives.
- Huge range of different expansion cards available; you can configure the machine to meet almost any need.

<sup>™</sup> ARM, StrongARM and the ARM Powered logo are trademarks of Advanced Rise Machines Ltd. Digital is the trademark of Digital Equipment Corporation.

Windows and DOS are trademarks of Microsoft Corp.

Acorn, the Acorn device, ART and OmniClient, are trademarks of Acorn Computers Ltd.



## World-class operating system.

RISC OS is a flexible working environment where excellent text and graphics capability is enhanced by great colour depth and the easy-to-use drag-and-drop feature.

- Modular structure makes RISC OS easy to enhance and expand.
- ROM-based operating system for minimum memory footprint and virus protection.
- 3,000 plus software titles currently available.
- Pop-up menus reduce display clutter to a minimum.

## Multi-Platform.

The StrongARM Risc PC supports high quality access to standard PC business applications running under Windows or DOS with the addition of a 486 or 586 processor card.

- Both operating systems have full access to memory, drives and CD ROMs.
- Text and graphics move easily between Windows and RISC OS.
- Ordinary PC discs may be read and written.

## Networking.

The StrongARM Risc PC integrates easily into a wide range of different network configurations:

- Supports TCP/IP, NFS, X Windows industry standard protocols.
- Internet and peer-to-peer networking as standard.
- OmniClient™ for inter-networking with ordinary PCs.

## Multiple advantages in a multimedia world.

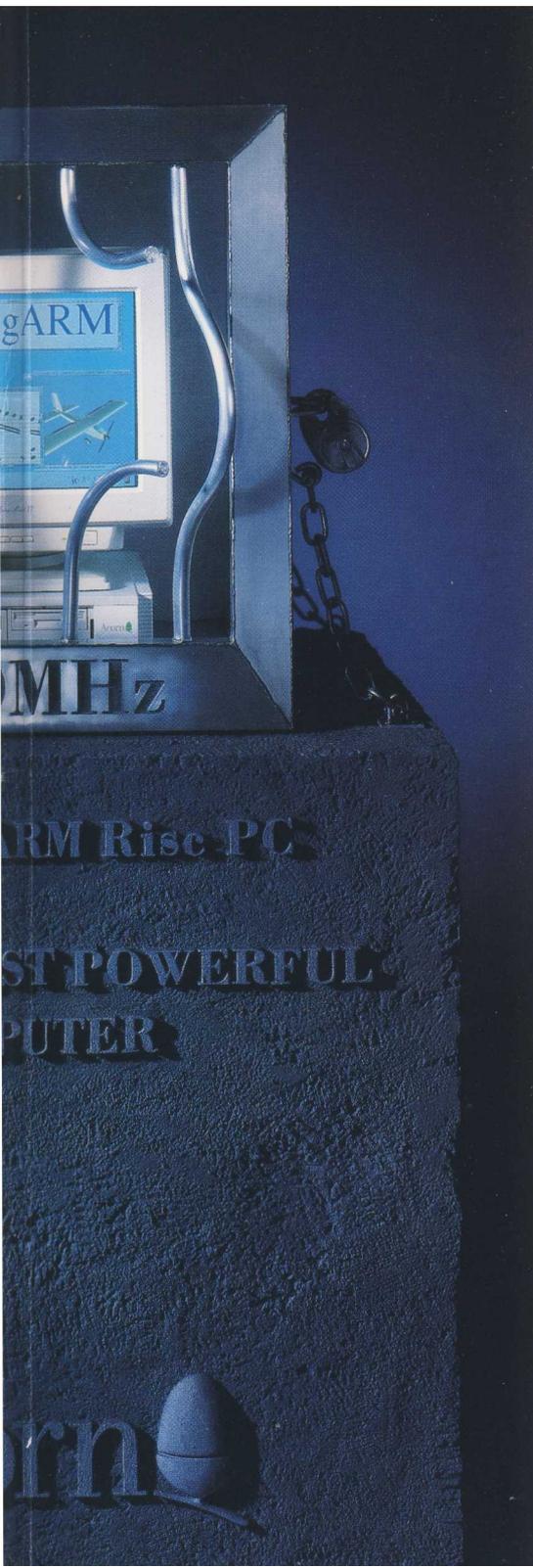
The new StrongARM Risc PC is one of the most powerful and flexible solutions yet devised for creating outstanding results for multimedia projects.

- Drag and drop text, graphics, Photo CD, sound and video resources from local drives, CD ROMs or the Internet.
- Image filing systems keep resources in their original form.
- Anti-aliasing for crisp, clean text rendering.
- Professional graphics capability with up to 16 million colours.
- Software is available to create and edit movies with full-screen, full-motion video and near-CD quality stereo sound, without the need for additional graphics or audio cards.

## The ART of Acorn's progress.

Acorn's team of creative and innovative engineers has pioneered spectacular advances in desktop and network computers in recent years, including the development of the Risc PC.

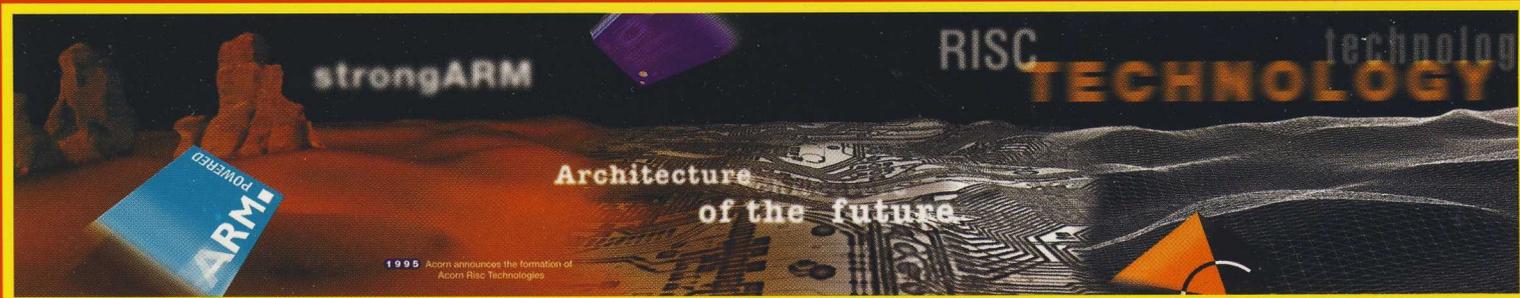
Now Acorn Risc Technologies' (ART) expertise and experience have created one of the fastest and most powerful desktop PCs available: the StrongARM Risc PC.



**E-mail: [sales@art.acorn.co.uk](mailto:sales@art.acorn.co.uk)**

**World Wide Web: <http://www.art.acorn.co.uk/>**

# The StrongARM Risc PC



## Acorn's



## most



## powerful



## computer



ART Product Sales Dept, Acorn House, 645 Newmarket Road, Cambridge CB5 8PB. World Wide Web: <http://www.art.acorn.co.uk/>

© ARM, StrongARM and the ARM Powered logo are trademarks of Advanced RISC Machines Ltd.