Acorn Computers

Vision for the future

Acorn 32-bit computer range

- Range of machines from the UK's leading 32-bit RISC computer manufacturer

- Purchase from one of the best known names in the computer industry with a reputation for quality and reliability

- Machines utilising the award-winning ARM processssor

- Next generation of RISC machines delivering 32 bit computing power at new lower price levels

- Easy to use RISC OS operating system with windows, icon and mouse to facilitate use of applications

- The multi-tasking environment allows applications to work together to provide a 'tailor made' solution for the user

- Software is not an hidden extra because a suite of applications including painting program, drawing package, text editor and a music creation and editing program is provided to get you started

- Access to over 2000 software titles designed to exploit the extra power of the ARM processor

- Complete solutions for education, entertainment and business users

The Family Solution
– A3010 computer
– Comprehensive application suite
– EasiWord – word processor
– Exciting game
– Comprehensive audio training tape

The Learning Curve
– A3010 computer with 2MB RAM
– Comprehensive application suite
– EasiWord – word processor
– The Genesis Collection
– Acorn PC Soft
– The Learning Curve magazine
– Comprehensive audio training tape
– Parental guide to the National Currriculum

The Home Office
– A4000 2MB HD80
– EasiWriter – advanced word processor
– Desktop Database
– Comprehensive audio training tape
– Optional Acorn JP150 printer

A5000 Learning Curve
– A5000 2MB HD80
– Acorn Desktop Publisher
– 1st Word Plus
– Genesis Plus
– Pacmania
– Acorn PC Soft
– Comprehensive audio training tape
– Guide to the National Curriculum

Acorn Publishing Systems
– A5000 and A540 options
– Selection of professional quality scalable fonts
– Standard PostScript production
– Publishing bureau compatible
– Extensive expansion options
– Access to DOS directories and files
  (additional software required on A540)
  Available from specialist dealers

Special Access Upgrade Pack
– Disc of Special Access utilities
– Special Access Guide
– Acorn A – Z of Special Needs
– Expansion card to connect peripherals
  e.g. keyboards, switches, touchscreens

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Specifications

Hardware

Hardware	A3000 1MB FD	A3010 1MB FD	A3010 2MB FD	A3020 2MB FD	A3020 2MB HD60	A4000 2MB HD80	A5000 2MB HD80	A5000 4MB HD120	A5000 2MB ES	A5000 2MB NS	A540 4MB HD120	A4 2MB FD	A4 4MB HD60
CPU (32-bit RISC architecture)	ARM2	ARM250	ARM250	ARM250	ARM250	ARM250	ARM3	ARM3	ARM3	ARM3	ARM3	ARM3	ARM3
Acorn relative performance factor	1	1.5	1.5	1.5	1.5	1.5	3.1	3.1	3.1	3.1	3.2	2.9	2.9
Operating system (RISC OS) version	2*	3	3	3	3	3	3	3	3	3	2*	3	3
Main memory	1MB	1MB	2MB	2MB	2MB	2MB	2MB	4MB	2MB	2MB	4MB	2MB	4MB
Expandable to	2MB	2MB	2MB	4MB	4MB	4MB	4MB	4MB	4MB	4MB	16MB	4MB	4MB
ROM	512K*	2MB	2MB	2MB	2MB	2MB	2MB	2MB	2MB	2MB	512K*	2MB	2MB
Embedded cache							•	•	•	•	•	•	•
Internal hard disc (formatted)		◇	◇	○	60MB	80MB	80MB	120MB			120MB	○	60MB
3.5" floppy disc (unformatted)	1MB	2MB	2MB	2MB	2MB	2MB	2MB	2MB	2MB	2MB	1MB	2MB	2MB
Keyboard (103 key 'enhanced PC' layout)	•	•	•	•	•	•	•	•	•	•	•		
Keyboard (internal 83 key PC layout)												•	•
Mouse (3 button)	•	•	•	•	•	•	•	•	•	•	•	•	•
Built-in speaker(s)	•	•	•	•	•	•	•	•	•	•	•	•	•
Battery pack												•	•
Multi-voltage mains adaptor												•	•

Interfaces

Interfaces	A3000 1MB FD	A3010 1MB FD	A3010 2MB FD	A3020 2MB FD	A3020 2MB HD60	A4000 2MB HD80	A5000 2MB HD80	A5000 4MB HD120	A5000 2MB ES	A5000 2MB NS	A540 4MB HD120	A4 2MB FD	A4 4MB HD60
Parallel, Centronics ® compatible	•	•	•	•	•	•	•	•	•	•	•	•	•
Serial, RS232	○	•	•	•	•	•	•	•	•	•	•	•	•
Ethernet				○	○	○	○	○	○	○	•	○	○
Econet	○			○	○	○	○	○	○	•	○	○	○
SCSI Controller	◇	◇	◇	◇	◇	◇	○	○	○	○	•		
IDE Controller	◇	◇	◇	•	•	•	•	•	•	•		•	•
3.5mm jack for stereo sound	•	•	•	•	•	•	•	•	•	•	•	•	•
Free expansion slots (mini)	1	1	1	1	1	1							
Free expansion slots (full)							4	4	4	4	3		
Joystick ports		2	2										

Display support[1]

Display support[1]	A3000 1MB FD	A3010 1MB FD	A3010 2MB FD	A3020 2MB FD	A3020 2MB HD60	A4000 2MB HD80	A5000 2MB HD80	A5000 4MB HD120	A5000 2MB ES	A5000 2MB NS	A540 4MB HD120	A4 2MB FD	A4 4MB HD60
Analogue RGB (640x256) up to 256 cols	•	•	•	•	•	•	•	•	•	•	•	•	•
Multi-scan (640x480) up to 256 cols	•	•	•	•	•	•	•	•	•	•	•	•	•
VGA (640x480) with 16 cols		•	•	•	•	•	•	•	•	•	•	•	•
VGA (640x480) with 256 cols		•	•	•	•	•	•	•	•	•	•	•	•
Super VGA (800x600) with 16 cols											•		
High resolution (1152x900) mono											•		
PAL (UHF) TV		•			•								
SCART TV[2]	○	○	○	○	○	○	○	○	○	○		○	○
LCD (VGA) 640x480 with 15 greyscales												•	•

Complete solutions

Complete solutions	A3000 1MB FD	A3010 1MB FD	A3010 2MB FD	A3020 2MB FD	A3020 2MB HD60	A4000 2MB HD80	A5000 2MB HD80	A5000 4MB HD120	A5000 2MB ES	A5000 2MB NS	A540 4MB HD120	A4 2MB FD	A4 4MB HD60
Family Solution		•											
Learning Curve			•				•						
Home Office						•							
Special Access Upgrade Pack[3]		•		•	•	•	•		•	•			
Publishing System							•	•			•		

Key ● standard ○ optional ◇ third party product [1] with suitable monitor [2] with suitable lead [3] only available at the time of computer purchase *RISC OS 3 available as a 2MB ROM upgrade

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