VISION FOR THE FUTURE

Acorn A3020

- Provides all of the curriculum benefits of the leading BBC A3000 computer at an even more attractive price.
- The space saving two box design and robust construction makes the A3020 ideal for introductory use in education, particularly by young children, and in IT rooms where space is limited.
- More memory and a hard disc allow better use of the whole world of RISC OS applications - providing some of the best curriculum software in the world.
- Even with the internal hard disc and network options fitted, overlay keyboards, scanners and other devices, are still supported through the internal interface card.
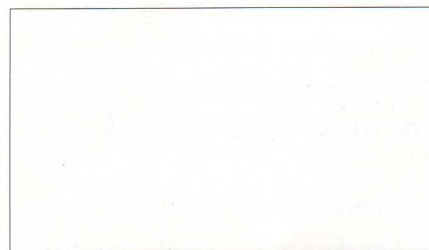
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Specification – A3020

Hardware		Benefits
CPU (32-bit RISC processor)	ARM 250	Newest member of the award-winning family of powerful ARM processors. Delivers 6 MIPs of performance for fast response.
Operating system	RISC OS 3	Designed to be easy to use. Offers fast multi-tasking: the ability to run more than one application at the same time; easy integration between different applications.
Applications suite	Standard	Software including a painting program, text editor, drawing package and music composition and editing program, all provided as standard, so the machine is ready to go.
Main memory	2MB	For more powerful software.
Expandable to	4MB	For maximum multi-tasking.
ROM	2MB	Provides immediate access to the operating system and means less RAM is consumed.
Floppy disc (unformatted)	2MB	The disc drives meet the principal industry standards. The floppy drive can read information from a range of floppy disc formats (including DOS to 1.44MB and Atari and Acorn format up to 1.6 MB).
Hard disc	Option	Internal 60MB IDE hard drive for convenient storage of text data and graphics.
Keyboard (103 key enhanced PC AT style)	Standard	Follows familiar PC AT pattern but with colour co-ordinated function keys and a useful keystrip recess.
Mouse (3 button)	Standard	Provides the main method of controlling the window interface. Three buttons give greater control.
Parallel centronics bi-directional	Standard	The A3020 can print using standard printers such as fast Laser, PostScript, Dot Matrix and Inkjet. Also connects to other peripherals like sound digitisers and scanners.
Serial	Standard	Allows communication to serial printers or electronic communications networks via modems or to overlay keyboards, data loggers and other input devices.
Network interface slot	Standard	Allows connection to Econet, Acorn's low cost local area network, or industry standard ethernet, for communications and the ability to share expensive resources such as laser printers.
Free expansion slot	1	A3000-style expansion slot for connecting devices such as video cameras and scanners.
3.5mm jack for stereo sound	Standard	Use directly with personal stereo headphones or connect to amplification system.
Internal mono speaker	Standard	Always ready with audio capability.
Display support		Choose the monitor that best suits your application and your budget.
Analogue RGB (640 x 256) up to 256 colours	Standard	Low cost monitors to meet many needs.
VGA (640 x 480) up to 256 colours	Standard	The A3020 supports industry standard monitors (controlled by built in software so no graphics cards are required) for more specific needs.

Every effort has been made to ensure that the information in this brochure is true and correct at the time of going to press. However, the products described in this brochure are subject to continuous development and improvement and Acorn Computers Limited reserves the right to change the specifications at any time. Acorn Computers Limited cannot accept liability for any loss or damage arising from the use of any information or particulars in this leaflet.

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