

Unique in concept—the home computer that grows as you do!

The Acorn Atom

Special features include

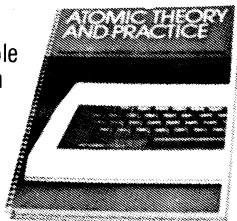
- ★ FULL SIZED KEYBOARD
- ★ ASSEMBLER AND BASIC
- ★ TOP QUALITY MOULDED CASE
- ★ HIGH RESOLUTION COLOUR GRAPHICS*

* optional

The Acorn Atom is a definitive personal computer, simple to operate. A powerful, full facility computer with all the features you would expect.

Just connect the assembled computer to any domestic TV and power source and you are ready to begin. (Power requirement: 8V at 800mA).

There is an ATOM power unit available — see the coupon below.



FREE MANUAL

Free with every ATOM, is a computer manual. The first section explains and teaches you BASIC, the language that most personal computers and the ATOM operate in. The instructions are simple and learning quickly becomes a pleasure. You'll soon be writing your own programs. The second section is a reference manual giving a full



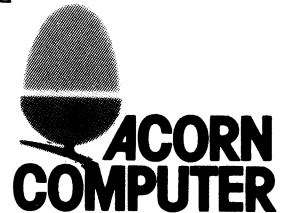
\$780

incl. Sales Tax, Packaging and Postage

INCLUDES FREE 122 PAGE BASIC MANUAL

HOBBY! OFFICE! EDUCATIONAL!

- In the Home
- In the School
- In the Business



description of the ATOM's facilities and how to use them. Both sections are fully illustrated with example programs.

The standard ATOM includes:

HARDWARE

- ★ Full-sized QWERTY keyboard
- ★ 6502 Microprocessor
- ★ Rugged injection-moulded case
- ★ 4K RAM
- ★ 8K HYPER-ROM
- ★ Audio cassette interface
- ★ VHF TV output

SOFTWARE

- ★ 32-bit arithmetic ($\pm 2,000,000,000$)
- ★ High speed execution
- ★ 43 standard/extended BASIC commands
- ★ Variable length strings (up to 256 characters)
- ★ String manipulation functions
- ★ 27 \times 32 bit integer variables
- ★ 27 additional arrays
- ★ Random number function
- ★ PUT and GET byte
- ★ WAIT command for timing
- ★ DO-UNTIL construction
- ★ Logical operators (AND, OR, EX-OR)
- ★ Link to machine — code routines
- ★ PLOT commands, DRAW and MOVE

The ATOM modular concept

The ATOM has been designed to grow with you.

As you build confidence and knowledge you can add more components. For instance the next stage might be to increase the ROM and RAM on the basic ATOM from 8K + 4K to 12K + 12K respectively.

The 12K + 12K ATOM will give you a direct printer drive, floating point mathematics, scientific and trigonometric functions, high resolution graphics.

From there you can expand indefinitely. Acorn have produced an enormous range of compatible PCB's which can be added to your original computer. For instance:

- ★ A module to give red, green and blue colour signals
- ★ Teletext VDU card (for prestel and Ceefax information)
- ★ An in-board connector for a communications loop interface — any number of ATOMS may be linked to each other — or to a master system with mass storage/hard copy facility
- ★ Floppy disk controller card. For details of these and other additions write to the address below.

Your ACORN ATOM may qualify as a business expense. To order complete the coupon below and post. Sinclair Equipment and Acorn Computers are a division of Consolidated Marketing (Imports) Pty. Ltd. **All components are guaranteed with full service/repair facility available.**

Please send me the following items:

Quantity	Item	Item price inc. Sales Tax	TOTALS
	ATOM ASSEMBLED—8K ROM + 4K RAM (MIN)	\$780	
	ATOM ASSEMBLED—12K ROM + 12K RAM (MAX)	\$1380	
	1K RAM SETS	\$28	
	4K FLOATING POINT ROM (inc. in 12K Version)	\$116	
	PRINTER DRIVER	\$46	
	(inc. in 12K version)	\$9	
	MAINS POWER SUPPLY (1.3 amps)	\$30	
	EXTERNAL BUS PART	\$45	
	TOTAL		

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