



And now for something completely different...

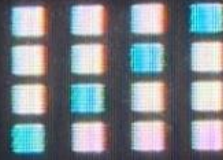
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Acorn MOS

Acorn 1770 DFS

BASIC

>CHAIN "ADAPTT0" \_



adaptTo()

EUROPE'S LEADING AEM DEVELOPER CONF  
27th-29th September 2021

40 Years of the BBC Micro

Martin Noble - [ecx.io](http://ecx.io)

## BBC Micro Timeline

- 1978 - Acorn Computers Ltd formed
- 1979 - Acorn System 1 launched
- 1980 - Acorn Atom Launched
- 1981 - BBC Selects Acorn for BBC series  
Martin Noble born
- 1982 - BBC airs 'The Computer Program'
- 1984 - Acorn awards Queens Award for  
Technology
- 1986 - BBC Master Launched

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## BBC Micro - Specs

CPU	MOS Tech 6502 @ 2 Mhz
RAM	16K (Model A) 32K (Model B)
ROM	32K 16K MOS 16K BASIC
DISPLAY	PAL/NTSC - UHF/Composite TTL RGB
STORAGE	100-800KB (DFS) 160-1280KB (ADFS floppy) 20MB (ADFS hard disk)
PRICE	235 GBP (Model A) 335 GBP (Model B)

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## BBC Master - Specs

CPU	MOS Tech 65SC12 @ 2 Mhz
RAM	128K
ROM	48K 16K MOS 16K BASIC 16K ADFS
DISPLAY	PAL/NTSC - UHF/Composite TTL RGB
STORAGE	100-800KB (DFS) 160-1280KB (ADFS floppy) 20MB (ADFS hard disk)
PRICE	499 GBP

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## SCREEN MODES

Mode	Pixels	Text	Colours	RAM
0	640x256	80x32	2	20kB
1	320x256	40x32	4	20kB
2	160x256	20x32	16	20kB
3	None	80x25	2	16kB
4	320x256	40x32	2	10kB
5	160x266	20x32	4	10kB
6	None	40x25	2	8kB
7	None	40x25	8	1kB

- [2020 Talk – 8 bit Breadboard Computer](#)
- [BBC Micro on Wikipedia](#)
- [Wikipedia – Acorn Computers](#)
- [www.martinnoble.com](#)