
Price guide for 1401 laboratory computer systems

The CED 1401

Pounds

Standard 64 kbyte 4 MHz 1401 for: Apple, Apricot, BBC, IBM, Nimbus 2495
for: HP 85 or 9816, VAX (VMS) or RS232/IEEE 488 2595

Hardware options for the 1401

Fast ADC option, if specified with 1401 order	250
Second sample and hold for 1401 analogue cards of issue J	25
2 Mbyte mass memory and fast (8x) multiplier module	1000
Second host interface for: Apple, BBC, IBM, Apricot, Nimbus	150
for: HP 85 or 9816, VAX, RS232 or IEEE 488	250
Kit to raise early 1401 digital cards to issue G level (4 MHz)	275
Kit to raise early 1401 analogue cards to issue J level	380
Resistor-programmable 8 channel ADC pre-amplifier/filter 1401-11	250
charge for non-standard settings of 1401-11, typically	250
Programmable 4 channel precision filter and attenuator 1701	2600
Dynamically programmable 8 channel pre-amplifier/filter 1703-8	1800
as above, but 16 channel pre-amplifier/filter 1703-16	2400
DC powered 1401 (12, 24/28 or 48 volt) in place of AC mains supply	100
Rack mount ears, when specified at time of 1401 order	free
when supplied as an additional item	25

PC compatible based laboratory computer system

with: Tandon PCA20 computer (IBM PC AT compatible), 20 Mbyte hard disc, 1.2 Mbyte floppy, 1 Mbyte memory, Hercules type monochrome graphics (720 x 348), 14" monitor, RS232 serial & Centronics printer ports, MS DOS 3.1, GW BASIC	1795
Turbo Pascal and Metagraphics graphics library	150
Epson EX800 dot matrix printer with data cable	580
CED 1401 laboratory interface	2495
Total cost of system (ex VAT and delivery)	5020

Hardware options

70 Mbyte hard disc - add 1200	Colour EGA display (640 x 350) - add 395
40 Mbyte hard disc - add 500	Wyse monochrome (1280 x 800) - add 795
30 Mbyte hard disc - add 300	20 Mbyte tape streamer 649
360 k floppy disc 85	20 Mbyte tape cartridges, each 20
Target 20 Mbyte - add 200	Target 40 Mbyte - add 600
Tandon Target computers are smaller than PCAs, but functionally similar.	
Extra memory card, makes 640 kbyte program, 2 Mbyte RAMdisc	775
Floating point arithmetic co-processor 80287-8 for PCA	346

Alternative systems

IBM XT comparable system, Tandon PCX10, mono-graphics, EX800, 1401	4135
BBC Master, turbo 2nd processor, dual floppy, colour, EX800, 1401	3955

Standard peripherals	All of these need a data cable	25
Epson EX800 dot matrix printer	555	HP 7440A A4 8 pen plotter 995
Kyocera F-1010 laser printer	2795	Roland 980A A3 8 pen plotter 1095

Software options for IBM systems

* Multi-channel signal averager	250
* Neurological spike processing package (MRATE)	250
* Spectrum analyser	250
* ADC to hard disc and hard disc to DAC suite	250
* SPECTRUM array arithmetic package for Pascal in the IBM	250
* ASYST high performance real time support library	250

* = One of these packages is offered at no cost with each 1401

CED software suites

Patch clamp analysis package	(IBM)	1000
EEG package (8 channels)	(IBM)	1000
Respiratory analysis package	(Apple)	1000

Third party software for IBM compatibles

Borland Turbo Pascal	70	Microsoft Pascal language	295
Borland Turbo Pascal Tutor	30	Microsoft FORTRAN language	340
Metawindows graphics (Turbo)	80	Metawindows (Microsoft Pascal)	140
Lotus 1-2-3 spreadsheet	395	Microsoft Macro assembler	130
ASYST scientific software system, graphics and statistics, module I	795		
ASYST		mathematical analysis, module II	495

File transmission software

SENDFL/GETFL - text file exchange between any two of: Alpha, Apple, BBC, IBM PC, PDP-11 (RT-11 or RSX) or VAX VMS via RS232 serial line link	100
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July 1987

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