



The top-of-the-line System Three (Model CS-3A) uses 8-inch floppy disk drives (1.2 Megabyte capacity each) and has 21 S-100 card slots. The hard disk version (Model CS-3H) replaces one of the 8-inch floppy drives with a 21 Megabyte Winchester hard disk drive.

The System Three can be used for Z-80A software development when equipped with the ZPU card or for both Z-80A and 68000 software development using the DPU card. The 21 card slots of the System Three mean that a DPU based system can easily accommodate 4 Megabytes of memory using Cromemco's 512MSU memory storage units.

TECHNICAL SPECIFICATIONS

	Z-80A Based Systems		68000 and Z-80A Based Systems			
	CS-3A	CS-3H	CS-3D2	CS-3D5E	CS-3HD2	CS-3HD5E
Processor	Z-80A		68000 and Z-80A			
Clock Rate	4 MHz		68000: 8 MHz / Z-80A: 4 MHz			
Instruction Set	158 instructions including the 78 instructions of the 8080A processor		68000: Over 1000 instructions in 56 main types / Z-80A: 158 instructions including the 78 instructions of the 8080A processor			
RAM Memory	64Kb		256Kb	512Kb (ECC)*	256Kb	512Kb (ECC)*
ROM Firmware	RDOS		RDOS and Diagnostics			
Serial Interface	RS-232 or current loop		RS-232 or current loop			
Processor Control	N/A		Software controlled switching between 68000 and Z-80A			
Floppy Disk Storage	2.4 Mb	1.2 Mb	2.4 Mb	2.4 Mb	1.2 Mb	1.2 Mb
Hard Disk Storage†	None	21 Mb	None	None	21 Mb	21 Mb
Board Capacity	21 boards		21 boards			
Boards Supplied	ZPU, 64KZ, 64FDC	ZPU, WDI, 64KZ, 64FDC	DPU, 256KZ, 64FDC	DPU, MCU, 512MSU, 64FDC	DPU, 256KZ, WDI, 64FDC	DPU, MCU, 512MSU, WDI, 64FDC
Bus	S-100		S-100			
Power	Operates from 100/115/130/220/240/260 volts; 50/60 cycle		Operates from 100/115/130/220/240/260 volts; 50/60 cycle			
Power Supply	+ 8 volts @ 30A, + 18 volts @ 15A, - 18 volts @ 15A		+ 8 volts @ 30A, + 18 volts @ 15A, - 18 volts @ 15A			
Dimensions	12-1/4"H x 19"W x 20-3/4"D (31.1 x 48.3 X 52.7 cm)		12-1/4"H x 19"W x 20-3/4"D (31.1 x 48.3x52.7 cm)			
Weight	84 lbs.	90 lbs.	84 lbs.	85 lbs.	90 lbs.	91 lbs.
Mounting	For Rack Mounting		For Rack Mounting			
Operating Environment	0-40 degrees Centigrade		0-40 degrees Centigrade			

*ECC stands for error checking and correction.

†Unformatted.