

SYSTEM TWO



The System Two (Model CS-2) is designed for rack-mount use and has 21 S-100 card slots. Like the System One, it uses 5-1/4" floppy disk drives and can be

outfitted with either Cromemco's ZPU or DPU central processor. An optional 21 Megabyte Winchester hard disk drive (Model HD-20) is also available.

TECHNICAL SPECIFICATIONS

	Z-80A Based Systems		68000 and Z-80A Based Systems			
	CS-2	CS-2H	CS-2D2	CS-2D5E	CS-2HD2	CS-2HD5E
Processor	Z-80A		68000 and Z-80A			
Clock Rate	4 MHz		68000: 8 MHz Z-80A: 4 MHz			
Instruction Set	158 instructions including 78 instructions of the 8080A processor		68000: Over 1000 instructions in 56 main types / Z80A: 158 instructions including 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	780Kb		780Kb			
Hard Disk Storage†	None	21 Mb	None	None	21 Mb	21 Mb
Board Capacity	21 boards		21 boards			
Boards Supplied	ZPU, 64KZ, 16FDC	ZPU, WDI, 64KZ, 16FDC	DPU, 256KZ, 16 FDC	DPU, MCU, 512MSU, 16FDC	DPU, 256KZ, 16FDC, WDI	DPU, MCU, 512MSU, WDI, 16FDC
Bus	S-100		S-100			
Power	Operates from 100/115/130/220/240/260volts; 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 48.3x52.7 cm)		12-1/4"H x 19"W x 20-3/4"D (31.1 x 48.3 x 52.7 cm)			
Weight	56 lbs.	62 lbs.	56 lbs.	57 lbs.	62 lbs.	63 lbs.
Mounting	For Rack Mounting		For Rack Mounting			
Operating Environment	0 to 40 degrees Centigrade		0 to 40 degrees Centigrade			

*ECC stands for error checking and correction.

†Unformatted.