6/12/18 MEGABYTE Winchester Disk Systems for the COMPAQ PORTABLE COMPUTER

Set Your COMPAQ Computer Free With a Corvus Winchester

Free your COMPAQ Portable Computer from the restraints of its diskette drives with Corvus Winchester disk systems. The Model 6, Model 11, and Model 20 combine the latest in 51/4 inch Winchester technology with the experience gained from supplying tens of thousands of Winchester disk systems to microcomputer users around the world. All Corvus disk systems can be supplied with our MIRROR® Winchester backup system for fast backup and archival storage. Corvus disk systems are also network ready, offering an easy growth path as your needs expand.

The Disk System That Stays With You

As your data storage and communication needs expand, your Corvus disk system can expand with you. Because it's always network-ready, you can connect it to a Corvus OMNINET™ local area network. These networks let more than 60 computers of the same or different brands share the disk system, printers, and other peripherals, and provide inter-computer communication. No matter where your needs may take you, you can't outgrow your Corvus.

Proven Technology at Your Fingertips

Corvus 51/4 inch disk systems set new reliability standards for mass data storage devices. Thinfilm plated media allow greater bit densities without sacrificing data integrity. The sealed environment keeps dust, smoke, and other particles from coming in contact with the read-write heads or the magnetic media. The built-in cooling fan and conservatively rated power supply help to assure hours of trouble-free operation. And the field-proven Corvus disk controller uses its own microprocessor to insure rapid, reliable data transfer with such features as read-afterwrite verify, automatic error retries, transparent formatting with CRC (Cyclic Redundancy Check) Error Detection, and high-speed data transfer using DMA (Direct Memory Access). Corvus disk systems require no preventive maintenance.



CORVUS SYSTEMS

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Disk System Software

Corvus provides all the software you will need to use your disk system with the COMPAQ Portable Computer. You receive drivers for MS-DOS 1.1 as well as a linkage program that attaches itself mean "mass storage." Today, we to this DOS. Total compatibility with all MS-DOS commands and utilities allows you to use your existing programs with little or no modification. Corvus also provides several utilities for disk system diagnostics, controller code update, floppy diskette backup, and operation of the MIRROR storage backup system. All software and utilities programs are supplied NEC PC-8000, Atari 800, Osborne on 51/4 inch, single sided single density diskettes.

Other Corvus Compatible Computers

Back in 1979, Corvus pioneered the Winchester disk system for microcomputers, and over the years, the name "Corvus" has come to make Winchester disk systems for most popular microcomputers, and we've made more of them than anyone else in the world. In addition to the COMPAQ Portable Computer, the list of Corvus compatibles includes Apple II, IIe and İII, IBM/PC, TRS-80 Models II, III, and 12, Xerox 820 and 820-II, Zenith Z89/90 and Z-100, DEC VT180, 1, and such S-100 Bus computers as Vector Graphic and North Star.

And of course, all Corvus disk systems connect to the revolutionary Corvus Concept™ personal workstation.

Service

All Corvus disk systems come with a six (6) month parts and labor warranty, and warranty extensions of up to 24 additional months are available. Service is available at any one of our Authorized Service Centers around the world. In addition, on-site service may be available in your area. Ask your Corvus dealer for details.

SPECIFICATIONS

MODEL NUMBER	MODEL 6	MODEL 11	MODEL 20	PHYSICAL DI	MENSIONS	MODEL 6, 11, and 20
Capacity (megabytes)				Height (inches	(centimetres)	5.75/14.6
Unformatted	7.0	14.0	21.0	Width (inches/centimetres)		12.0/30.5
Formatted	5.9	12.1	18.4	Depth (inches/centimetres)		15.0/38.1
Disks				ENVIRONMENTAL SPECIFICATIONS		
Number	1	2	3			IONS
Data Surfaces	2	4	6	Temperature (°F/°C)		•
Tracks per				Operating		50° to 120°/10° to 50°
Surface	306	306	306	Non-Operating		-40° to $140^{\circ}/-40^{\circ}$ to
Diameter						60°
(inches/				Variation		18°/10° per hour
centimetres	5.25/13.3	5.25/13.3	5.25/13.3	Humidity (non-condensing)		
DEDECORMANCE MODEL (14 100			(11 100	Operating		10% to 80%
		MODEL	6, 11, and 20	Non-Operating		10% to 90%
Access Time (milliseconds)				Altitude, Operating		
Minimum		29		(feet/metres)		-1,000 to 10,000/
Maximum					-305 to 3,050	
Average		68		DOWED DEOL	IDEMENITO	
Average Latency Time			POWER REQUIREMENTS			
		8.33	Voltage	100, 120, 220, or 2	40 volts	
Disk Rotational Speed				(selectable)		
(RPM) 3,600		,600	50/60 Hz, single phase AC		hase AC	
Peak Transfer Rate			Typical			
(kilobytes/second)		6	87.5	Consumption	150 volt amperes	

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IBM is a registered trademark and PC-DOS is a trade name of International Business Machines Corporation. Apple is a registered trademark of Apple Computer, Inc.

TRS-80 is a registered trademark of the Tandy Corporation

Xerox is a registered trademark and 820 and 820-II are trademarks of the Xerox Corporation.

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DEC is a registered trademark of Digital Equipment Corporation. Corvus MIRROR, patent number 4,380,047, is a registered trademark of Corvus Systems, Inc.

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