

Model 2275 Disk Peripheral

INTRODUCTION

The Model 2275 Disk Peripheral adds on-line storage capacity to the 2200 VP, LVP, LVPC, MVP, or MVPC configuration. The Model 2275 can also be purchased as part of a 2200 MVP P1, P2, or P3 configuration. Because the Model 2275 is compatible with other 2200 disk drives, the user can access any 2200 series data and word processing software, as well as related files. Low cost and a compact design makes the Model 2275 Disk Peripheral a welcome disk storage addition for 2200 system users.

PHYSICAL DESCRIPTION

The cabinet of the Model 2275 Disk Peripheral unit measures 14.9 by 6.5 by 16 inches. There are

two versions of the Model 2275 unit: the Model 2275-10 and the Model 2275-20.

As shown in Figure 1, there is a 5.25-inch Winchester drive in the bottom position of both versions, and a 5.25-inch floppy diskette drive (Model 2275-10) or another Winchester drive (Model 2275-20) in the top position. As shown in Figure 2, the back panel of the Model 2275 contains an ON/OFF switch, a line cord connector for the power supply, a 36-pin disk interface cable connector, and a quiet 50 cfm. (cubic feet per minute) cooling fan.

Winchester drive and a 5.25-inch diskette drive. The Winchester drive has a fixed storage capacity of 10 megabytes and is formatted to 256 bytes per sector (bps). The diskette drive uses a dual-sided, double-density (DSDD) 5.25-inch floppy diskette for removable storage.

There are two DSDD diskette formats supported by the Model 2275-10: 256 bps and 512 bps. All 2200 data and word processing applications use the standard 256 bps formatting, which provides a storage capacity of 320 kilobyte (kb). The Model 2275-10 supports the 512-byte sectors, which is the Wang Professional Computer diskette format, for interchange purposes only.

STORAGE CAPACITY FOR THE MODEL 2275-10

The Model 2275-10 has on-line storage consisting of a 5.25-inch

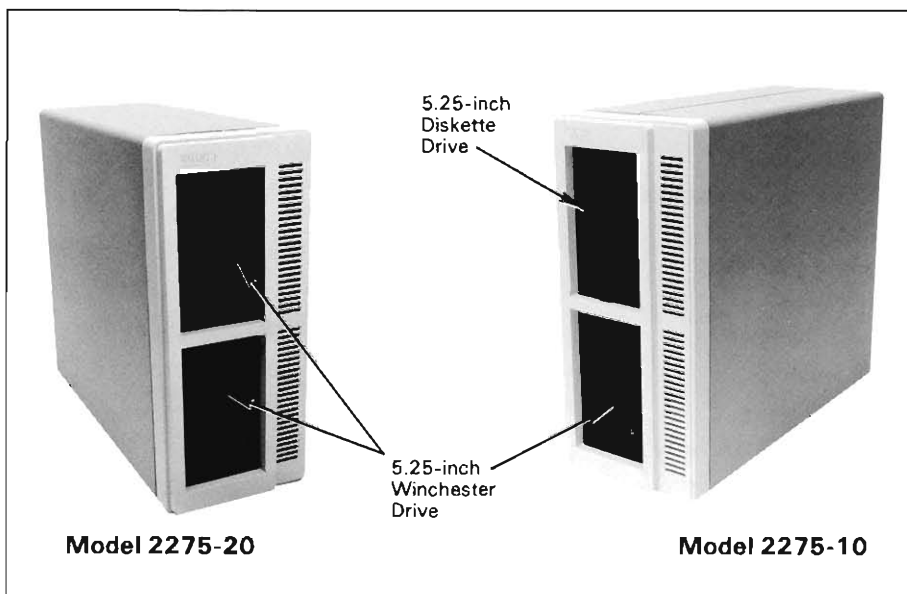


Figure 1. The Model 2275 Disk Peripheral

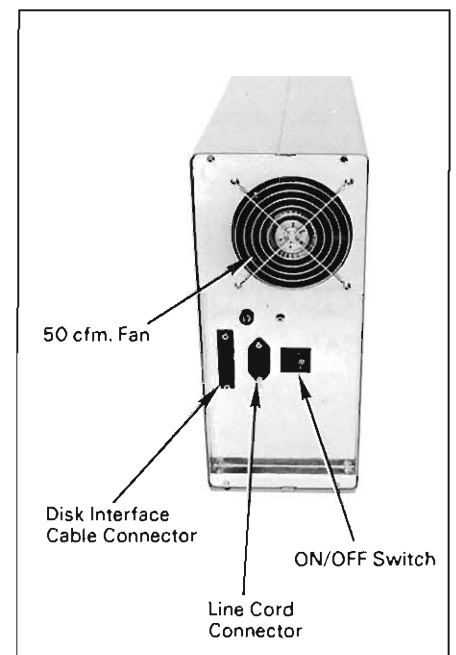


Figure 2. The Back Panel

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 TEL. (617) 459-5000
 TWX 710-343-6769, TELEX 94-7421

STORAGE CAPACITY FOR THE MODEL 2275-20

The Model 2275-20 has on-line storage consisting of two fixed 5.25-inch Winchester drives. Each Winchester drive has a fixed storage capacity of 10 megabytes and is formatted to 256 bps. There is no removable storage capacity for this unit.

CONNECTION TO 2200 SYSTEM

The Model 2275 Disk Peripheral is connected through a 36-pin disk interface cable (Part No. 220-0105-4) to the appropriate 2200 Single (22C03), Dual (22C11), or Triple (22C32) Controller, depending upon the 2200 configuration. A Wang Customer Engineer connects the cable to the 2200 controller and sets the addresses for each drive on the controller. The user configures the 2200 system to include the disk addresses in the device table.

SPECIFICATIONS

PHYSICAL

Size

Height
 14.9 in. (37.8 cm)
 Width
 6.5 in. (16.5 cm)
 Depth
 16.0 in. (40.6 cm)

ORDERING INFORMATION

The Model 2275-10 and the Model 2275-20 can be ordered through a Wang sales representative. The line cord for the power supply, the disk interface cable, and a 5.25-inch floppy diskette containing the BASIC-2 operating system are automatically enclosed with each unit. Additional 5.25-inch floppy diskettes, not including the automatic enclosure, can be purchased separately. If the Model 2275-20 is purchased, another removable disk storage device should also be available for transferring data to the unit.

Weight

23 lb (10.4 kg), approximately

Compatible 2200 systems

VP, LVP, LVPC, MVP,
 and MVPC

2200 STORAGE CAPACITY

Model 2275-10

10 Mb, fixed; 320 kb,
 removable

Model 2275-20

20 Mb, fixed

Winchester Formatting

256 bps
 32 sectors per track
 304 tracks per side
 2 dual-sided disks
 10-Mb capacity

Diskette Drive

(Model 2275-10 only)
 5.25-inch DSDD diskettes

DSDD Diskette Formatting

256-Byte Diskette Formatting

16 sectors per track
 40 tracks per side
 320-kb capacity

512-Byte Diskette Formatting

(supported for interchange only)

9 sectors per track
 40 tracks per side
 360-kb capacity

OPERATING CONDITIONS

Power Requirements

98 to 128 VAC at 115 V
 (1.8 AMP)
 196 to 256 VAC at 230 V
 (.9 AMP)
 90-watt linear power supply

Operating Temperature

50° to 90°F (10° to 32°C)

Relative Humidity

10% to 80%, noncondensing

Standard Warranty Applies

Wang Laboratories, Inc., reserves the right to change specifications without prior notice.