



OptiPac-3™ "8631-RM"

Total Removable Disk Storage Solutions for Legacy Hewlett-Packard 9000 and 1000 Computers

The *OptiPac-3* model 8631-RM is part of Bering's long tradition of removable drive solutions for Hewlett-Packard legacy computers. The 8631-RM is a total removable solution with a 30GB Removable Hard Disk (RHD) designed for high performance demands and capacity combined with a 1.3GB Magneto-Optical Disk (MOD) is a secondary storage device that serves as the system's archival and backup drive. Both compact drives are removable and can be locked away for safety and security purposes. The 8631-RM is the right removable choice to replace a variety of discontinued HP disk drives.

HP SUPPORTED SYSTEMS

The OptiPac-3 8631-RM is supported on the following legacy HP systems with HP-IB interface:

- HP1000 A-Series**
 - RTE-A
- HP1000 M/E/F-Series**
 - RTE-6
- HP9000 200/300/500**
 - BASIC/Rocky Mountain BASIC
 - PASCAL
 - HP-UX

HP DISK DRIVE REPLACEMENTS

The OptiPac-3 8631-RM replaces (but not limited to) the following HP disk drives:

- HP7907A**
- HP7906-A-M**
- HP7920A-S/7925A-S**
- HP7908, 7912P/R, 7914P/R**
- Others**

"DROP-IN" REPLACEMENTS AND "RING" VOLUMES

Retrofitting your legacy HP computer is simple—no additional software utilities, no hardware changes, and no need to "regen" the operating system.

The OptiPac-3 8631-RM partitions the RHD into multiple volumes called "RINGS." The 8631-RM has up to 100 RINGS on the RHD or MOD. RING sizes are selectable at 128MB, 230MB, 640MB, or 1.3GB. RINGS can be conveniently copied to the MOD for backup.

LCD CONTROLS AND DISK UTILITIES

A front-panel LCD with push-button controls is used to manage the system's built-in disk utilities. These utilities are useful for system configuration, setting addresses, basic diagnostics, RING selection, RING copy, RING erase, and off-line disk-to-disk copy functions.

THE COMPANY

Bering Technology, Inc. is the mass storage specialist for Hewlett-Packard 9000 and 1000 computers since 1981. Our company provides a wide range of disk, removable disk, tape, and software application and utility solutions for HP legacy systems.



OptiPac-3 8631-RM
30GB RDM + 1.3GB MOD
HP-IB Interface



OPTIPAC-3—8631-RM SPECIFICATIONS¹

MODEL	DESCRIPTION	INTERFACE	DISK PROTOCOL
8631-RM	30GB REMOVABLE HARD DISK (RHD), 1.3GB MO DISK (MOD)	HP-IB	CS/80 AND SS/80

PERFORMANCE	RHD	MOD
FORMATTED CAPACITY (GB) ²	30	1.27 ³
AVG. SEEK TIME (MS) ²	10	28
ROTATIONAL SPEED (RPM)	7500	3214
MAX. HP-IB SPEED (MB/SEC) ⁴	1.0	1.0

POWER REQUIREMENTS

LINE VOLTAGE	90-260V
LINE FREQUENCY	47HZ-440HZ
MAX. CURRENT	1.1 AMP

MISCELLANEOUS

INTERFACE	HP-IB
RACKMOUNT	HP STANDARD RACK (EIA/RETMA 19" STANDARD RACK)
DIMENSIONS	5" x 12.8" x 11" (127MM x 325MM x 279MM)
SHIPPING DIMENSIONS	12" x 21" x 21" (305MM x 533MM x 533MM)
NET WEIGHT (UNIT/BOX)	27LBS (12.2KG)/35LBS (16KG)
WARRANTY	ONE YEAR LIMITED WARRANTY

ACCESSORIES

1.3GB MO DISK CARTRIDGE	ACCS-3070 (1 PC.) ACCS-3071 (5-PACK)
HEAD CLEANER/DISK CARTRIDGE CLEANER	ACCS-3513
19" STD. RACKMOUNT KIT	ACCS-7206

BERING ORDERING NUMBER

¹ All Information is subject to change without notice.
² Formatted capacity at 1024 bps. Capacity is limited to specific volume size for HP disk emulations.
³ MOD also supports lower capacity MO disk media of 634MB, 533MB, 228MB, and 127MB. Supports MO ISO/IEC 15041, Over-Write.
⁴ All transfer rates are dependent on computer types and application environment.

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