



IBM 7204 External Disk Drive Model 646 offers high capacity with 146 GB HDD

Overview

The IBM 7204 External Disk Drive Model 646 is designed to be a low-cost alternative to other externally attached disk storage devices available for the IBM @server pSeries® and RS/6000® families of workstations and servers. The IBM 7204 Model 646 uses a redesigned and improved disk assembly, designed for excellent reliability and performance. It also uses an LVD interface.

The new Model 646 External Disk Drives have a formatted physical capacity of 146 GB. This increased data capacity, compared to Models 518, 536, and 573, allows you to add new applications and expand the number and size of data files readily accessible to you.

The increased capacity, the average (depending on operating conditions) seek time of 4.7 milliseconds read and 5.3 milliseconds write, combined with a maximum media data transfer rate of 100.0 MB per second, make the 7204 External Disk Drive Model 646 a competitive storage solution for pSeries and RS/6000 users.

Key Prerequisites

AIX® V5.1.0, or later

Planned availability date

February 25, 2005

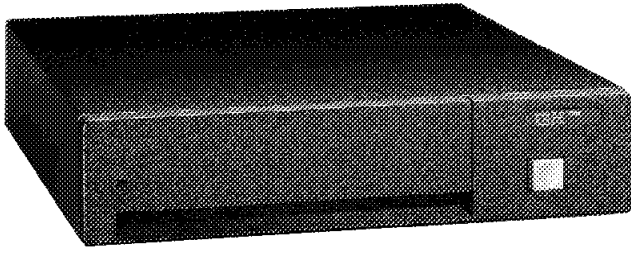
At a Glance

The 7204 Model 646 is designed to be a low-cost storage device for the IBM @server pSeries and RS/6000 family of workstations and servers. Benefits include:

- A formatted physical capacity of 146 GB of data provided in a low voltage differential (LVD) multi-mode drive
- Improved maximum media data transfer rate to 100.0 MB per second
- Average read seek time of 4.7 milliseconds, write 5.3 milliseconds
- Average latency of 3.0 milliseconds
- 10,000 RPM rotation
- Magnetoresistive (MR) heads

This announcement is provided for your information only. For additional information, contact your IBM representative.

Description



The 7204 Model 646 uses a 68-pin, low voltage differential or single-ended (LVD/SE) interface and attaches to the host pSeries and RS/6000 servers via SCSI cable to a variety of SCSI-2 single-ended (SE) Fast/Wide adapters.

The number of SCSI devices that can be attached to each SCSI controller varies based on the type of SCSI controller, running AIX V5.1, or later, allowing multiple 7204 devices to be installed per system. More information on cabling is located in the **Hardware Requirements** section.

Trademarks

The e-business logo, pSeries, RS/6000, and AIX are registered trademarks of International Business Machines Corporation in the United States or other countries or both. Other company, product, and service names may be trademarks or service marks of others.