



RZ25L Fixed Disk Drive: SCSI ID Settings and Hardware Specifications

EK-VX465-IN. B01

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Introduction

This document provides the SCSI ID settings and hardware specifications for the RZ25L fixed disk drive. Use the instructions in your system documentation to install the RZ25L disk drive, and to select a SCSI ID setting.

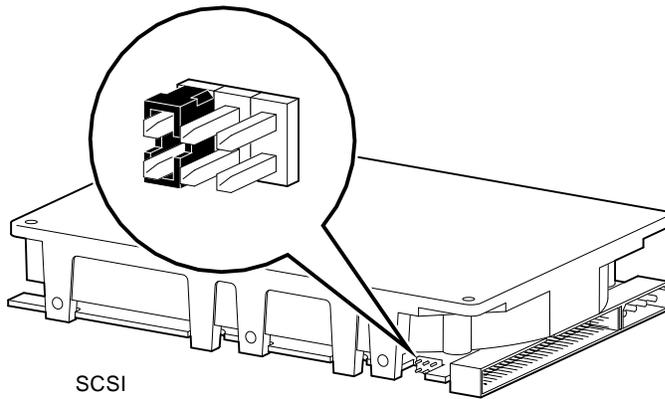
Setting the SCSI ID

Before you install the RZ25L fixed disk drive in the system unit, you need to verify the position of the removable electrical jumpers on the drive. The position of the jumpers determines the drive's SCSI ID address.

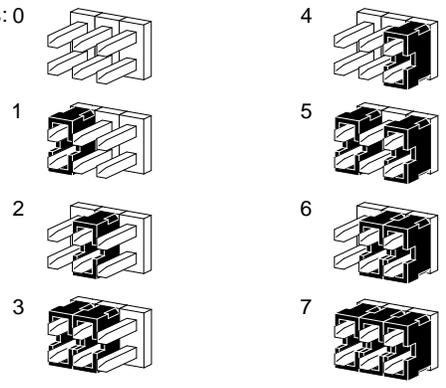
Your fixed disk drive may have been shipped with all of the jumpers attached (to prevent loss of jumpers during shipping and unpacking). In this case, the SCSI ID is set to 7, and you will need to change it.

Set the SCSI ID as shown in Figure 1. Save any jumpers you remove. You may need them later.

Figure 1 SCSI ID for the RZ25L Fixed Disk Drive



SCSI
Address
Settings: 0



MLO-010904

Table 1 RZ25L Hardware Specifications

Formatted Storage Capacity

Per drive	535 MB
Per surface	90.7 MB
Bytes per track	48,460 (average)
Bytes per block	512
Spare blocks per track	1
Spare cylinders	2
Buffer size	240 KB

Performance

Data transfer rate to/from media	5.25 MB/sec (maximum)
Seek time track to track	1.5 msec
Seek time average	10.5 msec
Seek time maximum (full stroke)	23 msec
Average latency	5.4 msec
Rotational speed	5411 rpm \pm 0.5%
Interleave ratio	1:1

(continued on next page)

Table 1 (Cont.) RZ25L Hardware Specifications

Operating Conditions

Ambient temperature	5°C to 50°C (41°F to 122°F)
Relative humidity	8%–80%
Altitude	305 m to 3048 m (–1000 ft to 10,000 ft)
Maximum wet bulb temperature	28°C (82°F) (noncondensing)
Heat dissipation	8.4W (seeking) 7W (typical)
Temperature gradient	20°C/hr (36°F/hr)

Nonoperating Conditions

Ambient temperature	–40°C to 70°C (–40°F to 158°F)
Relative humidity	5%–95%
Altitude	–305 m to 12,210 m(1000 ft to 40,000 ft)
Maximum wet bulb temperature	46°C (115°F)
Temperature gradient	25°C (45°F/hr)

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