



# TOSHIBA

## Toshiba AL13SEL900 Specifications

10,500 rpm, 3.5-inch sas al13sel series hard disk drive



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10,500 RPM

## 3.5-Inch SAS AL13SEL Series Hard Disk Drive

High Capacity, 6 Gb/s SAS

Interface Enterprise HDD for  
Mission-Critical Server and

Storage Applications

The Toshiba AL13SEL 3.5-inch hard disk models deliver 6 Gb/s SAS interface enterprise-class performance in capacities ranging from 300GB to 900GB. The AL13SEL models use a 3.5-inch bracket to enable small form factor drives to be used in legacy based 3.5-inch servers and storage enclosures. By incorporating the AL13SE Series 2.5-inch drive, the AL13SEL option features a 10,500 RPM spin speed, 6 Gb/sec SAS interface, and the power consumption benefits normally found with small form factor drive technology.

The AL13SE series is the first 10,000 RPM class model enterprise drive from Toshiba to achieve 900GB capacity and is also the





first of Toshiba's 10,000 RPM drives to employ a dual-stage head positioning actuator that provides additional performance gains, including a 32% increase in sustained transfer rate.

Designed for even the most demanding mission-critical applications, the AL13SE series features an operating reliability rating of 2,000,000 power-on hours<sup>2</sup>, a 25% increase over prior-generation drives. System compatibility is also assured through usage of the industry-standard 512 byte sector size.

In keeping with Toshiba's leadership in power efficiency design, the AL13SE Series uses Supported Enhanced Power Condition State technology to lower RPM idle speed.

The AL13SEL series drive is designed to support enterprise applications where reliability, high capacity, and performance are required. Specific applications include mid-range volume servers, mainstream storage arrays, blade and rackmount servers, and other mission-critical, power-conscious, data-intensive systems.

10,500 RPM

3.5-Inch SAS

High Capacity, 6 Gb/s SAS  
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Storage Applications



# Hard Drive

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- Up to 900GB<sup>1</sup> of Storage
- Enhanced Power Condition State Technology
- 6 Gb/sec SAS
- 64MB Cache Buffer

from 900GB

1  
to 300GB.

2  
, a 25% increase over prior

AL13SEL900

AL13SEL600

AL13SEL450

AL13SEL300

Up to 900GB

of Storage Capacity

1

Enhanced Power Condition State Technology

n

6 Gb/sec SAS

n



1  
2

## Related Manuals for Toshiba AL13SEL900

[Storage Toshiba A100 Quick Installation Manual](#)

Internal solid state drive (10 pages)

### [Storage Toshiba A100 Manual](#)

Solid state drive (52 pages)

### [Storage Toshiba MK6025GAS User Manual](#)

2.5-inch hard disk drive (11 pages)

### [Storage Toshiba MK1504GAL User Manual](#)

1.8-inch (9 pages)

### [Storage Toshiba FlashAir W-04 Series Manual](#)

(5 pages)

### [Storage Toshiba Canvio 1TB Specifications](#)

Portable hard drive (2 pages)

### [Storage Toshiba STOR.E ALU 2 User Manual](#)

2.5" usb hard disk drive (414 pages)

### [Storage Toshiba MK8009GAH Installation Notes](#)

Toshiba hdd installation notes (4 pages)

### [Storage Toshiba MK3265GSX Specifications](#)

2.5-inch sata hdd (1 page)

### [Storage Toshiba MK6014MAP User Manual](#)

2.5-inch hard disk drive (12 pages)

### [Storage Toshiba FlashAir W-02 Manual](#)

(13 pages)

### [Storage Toshiba FlashAir W-04 Supplementary Manual](#)

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### [Storage Toshiba MQ01ABD series Specifications](#)

Mq01abd series 2.5-inch sata hdd (1 page)

### [Storage Toshiba STORE alu User Manual](#)

3.5" usb hard disk drive (398 pages)

### [Storage Toshiba Stor.E ALU 2 User Manual](#)

3.5" usb (355 pages)

## Summary of Contents for Toshiba AL13SEL900

### [Page 1: Hard Drive](#)

Enhanced Power Condition State Technology The AL13SE series is the first 10,000 RPM class model enterprise 6 Gb/sec SAS drive from Toshiba to achieve 900GB capacity and is also the 64MB Cache Buffer first of Toshiba's 10,000 RPM drives to employ a dual-stage head positioning actuator that provides additional performance gains, including a 32% increase in sustained transfer rate.

### [Page 2: Power Requirements](#)

One Gigabyte (1 GB) means  $10^9 = 1,000,000,000$  bytes using powers of 10. A computer Subject to Change: While Toshiba has made every effort at the time of publication to ensure operating system, however, reports storage capacity using powers of 2 for the definition of...

This manual is also suitable for:

AI13sel300AI13sel600AI13sel450