# 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 Esternise HPPSAS AL13SEL Series Hard Disk Drive

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 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 2.4-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 enterprised 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 AL138E series features an operating reliability

generation drives in the normalism of Also assured through Series Hard Disk Drive

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.

#### Mission-Critical Server and

#### Storage Applications

The Toniba AV .5-in hard dismodels eliver 6 Gb/s SAS i erfac enterpri -class erforma e in cap ities ranging fro. 2007. I to 300GB.

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 the age enclosures. By incorporating the AL13SE series 2.5-inch drive the AL13SEL option features a 10,500 RPM spin speed, 6 Greec Securiterface and the power construction interface and the power construction into the first primary found with small form actors live technology.

The AI SE sees is the first 10,00 R M class codel enterprise and from shiba to chieve 90 B capacity so the first of Toshiba's 10,000 RPM drives to employ a dual-stage head positioning actuator that provides additional performance gains, from 900GB including a 32% increase in sustained transfer rate.

to 300GB. Designed for even the most demanding mission-critical , a 25% increppliention of the AL13SE series features an operating reliability AL13SE of 000,000 power-on hours², a 25% increase over prior-

AL135EL500

generation drives. System compatibility is also assured through AL135EL600

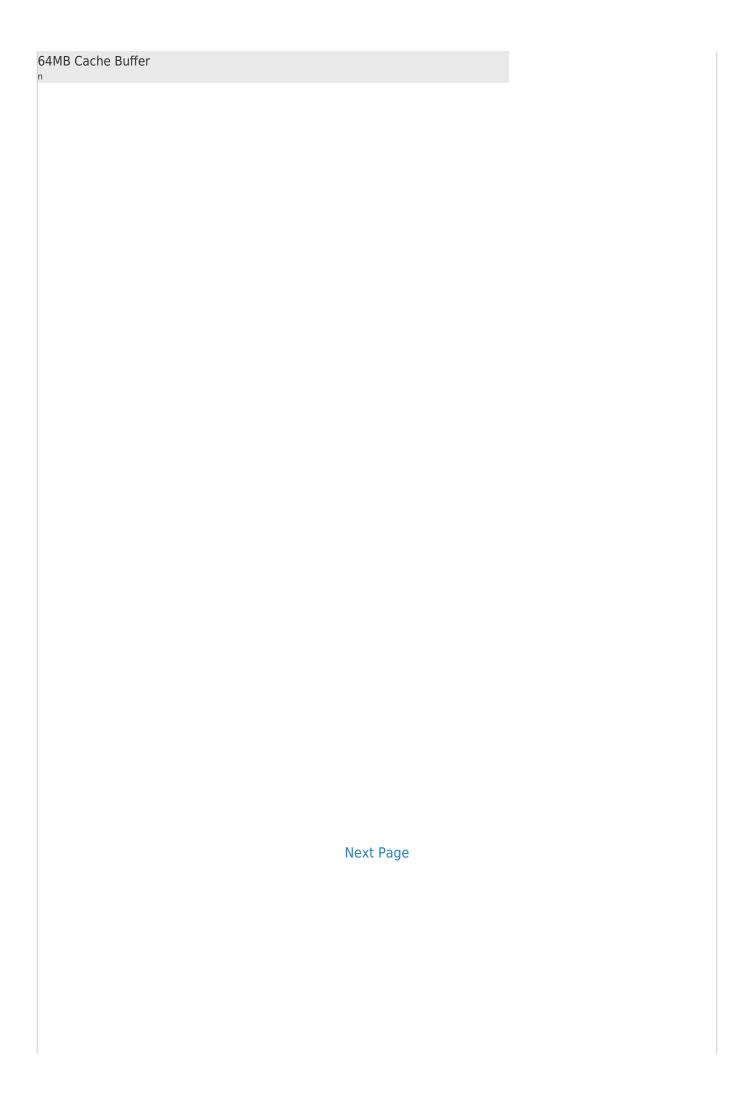
usage of the industry-standard 512 byte sector size.

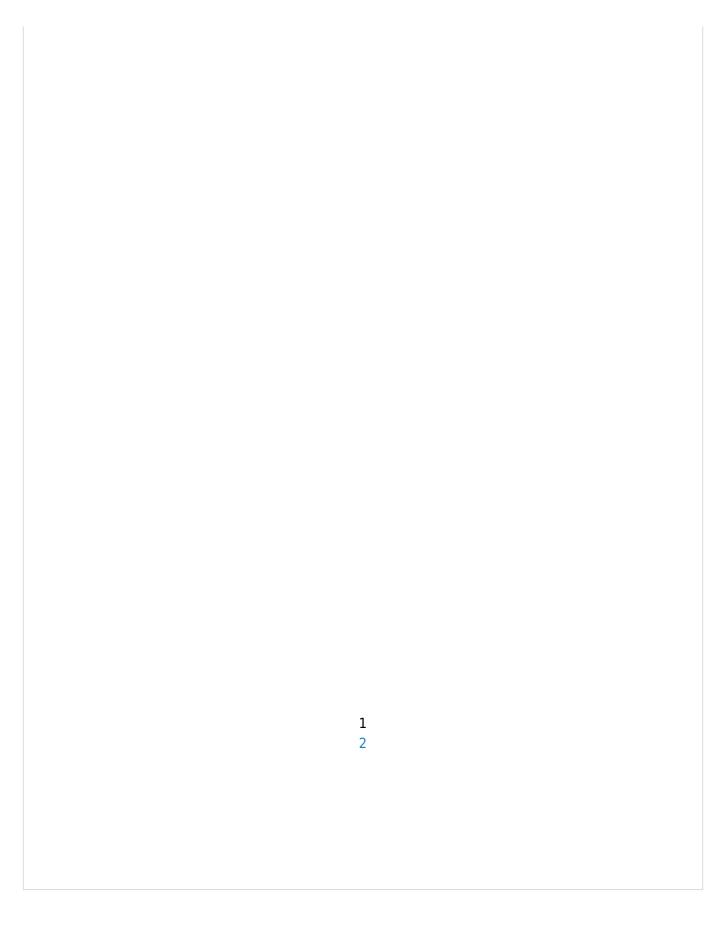
AL13 Steep Oith Toshiba's leadership in power efficiency design,
AL13 Steep Series uses Supported Enhanced Power Condition
State technology to lower RPM idle speed.

of Storage CapacityL13SEL series drive is designed to support enterprise
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Enhanceed@owdr &proditionpstlicetienthingly mid-range volume servers,
mainstream storage arrays, blade and rackmount servers, and
other mission-critical, power-conscious, data-intensive systems.

- Up to 900GB¹ of Storage
- Enhanced Power Condit
- 6 Gb/sec SAS
- 64MB Cache Buffer







Related Manuals for Toshiba AL13SEL900

#### 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

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2.5" usb hard disk drive (414 pages)

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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 = 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:

Al13sel300Al13sel600Al13sel450