

CH-LABZ503S

3.5" SAS6G - 300gb SAS6G Hard Disk Drive

Product Overview

Toshiba AL13SEL300 - 3.5" SAS6G - 300gb , 10500 rpm, 64mb cache with ECC , designed for 24x7 business-critical NAS/DAS/SAN applications , 30dBA , 2 million hours MTBF- 5 year warrenty



Specifications

Overview:

The best balance of high performance and higher capacity in enterprise-class disk storage designed for demanding tier 1 and 24x7 mission critical database servers and networked storage.

- Up to 900gb* of storage capacity
- Enhanced power condition state technology
- 6 gb/sec sas
- 64mb cache buffer

Specifications:

Series Overview	
Drive Capacity	300GB*
Drive Interface	SAS 2.0
RoHS Compliant	Yes
Transfer Rate to Host	6 Gb / sec
Performance	
Track-to-track Seek	0.2ms typ. (Read), 0.22ms typ. (Write)
Average Seek Time	3.7ms typ. (Read), 4.1ms typ. (Write)
Rotational Speed	10,500 RPM
Average Latency	2.86ms
Buffer Size	64MB
Power Requirements	

ComX Computers

Product Specification Sheet

Voltage	5V (+ / - 5%), 12V (+ / - 5%)
Spin up (start) Power	12V (+ / -5%) @ 1.65A (peak), 3.0A (peak < 100us), 5V (+ / -5%) @ 1.1A (peak)
Low Power Idle	4.0 watts (max)
Physical Size	
Dimensions (W)x(D)x(H)	101.6 mm x 147.0 mm x 26.1 mm
Weight	520 g (max)
Environmental	
Temp - Operating	5 degrees to 55 degreesC (41 degrees to 131 degreesF)
Temp - Non-Operating	-40 degrees to 70 degreesC (-40 degrees to 158 degreesF)
Humidity - Operating	5% to 95% RH
Humidity - Non-Operating	5% to 95% RH
Vibration - Operating	(0.6mm) 5 to 20 Hz / 9.8 m / s ² (1.0G) 20 to 300 Hz
Vibration - Non-Operating	(3.1 mm) 5 to 20 Hz / 49 m / s ² (5.0G) 20 to 300 Hz
Shock - Operating	980 m / s ² (100G) 1ms
Shock - Non-Operating	3,920 m / s ² (400G) 1ms
Altitude - Operating	-1,000 to 10,000 ft
Altitude - Non-Operating	-1,000 to 40,000 ft
Acoustics	
Acoustics (ready)	30dB
Reliability	
Mean Time Between Failures (MTBF)	2,000,000 hours
Component Life	5 years POH
Warranty	
Limited Warranty (Info)	Carry-in

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/CH-LABZ503S-3-5-SAS6G-300gb-SAS6G-Hard-Disk-Drive-Buy-p-89380.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-15 17:30:30.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other

ComX Computers

Product Specification Sheet

information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.