



300 Gbyte, 10,000 rpm Disk Drive Specification, FC-AL2 Interface

Disk Drive Installation

For information on how to install your disk drive, refer to your system or drive enclosure documentation.

See “Sun Documentation on the Web” on the back page if you need to order any documentation.

Drive Specifications

The following tables show the disk drive specifications.

Power Requirements

Activity	+5 VDC (±5%)	+12 VDC (±7%)
Motor start max	1.1 A	2.4 A
Max Operating (Random IOs)	1.9 A	2.5 A
Idle	0.9 A	0.9 A

Physical Characteristics

Height	Width	Depth	Weight
1.028 in. max	4 in+- .0010	5.787 in max	2,05 lb
26.1 mm max	101.6 mm+-0.25	147.0 mm max	0.932 kg

Performance

Attributes	Values
Capacity, formatted	300,000,000,000 bytes minimum (512 bytes per sector)
Seek times (read/write)	
Single track seek	0.4 msec / 0.5msec
Average seek	10.0 msec / 11.0 msec
Maximum seek	10.2 msec
Rotational latency	
Maximum	5.98 msec (10 Krpm)
Average	2.99 msec
HDA data transfer rate	
Disk to read buffer	51 Mbytes per sec minimum
Interface data transfer rate	(2 Gbit FCAL Loop)
Maximum instantaneous	212.0 Mbytes per sec per port
Start/stop	
Power up to ready	30 sec typical
Spin down	30 sec typical

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