



# 146 Gbyte, 15,000 rpm, Disk Drive Specification, FC-AL2 Interface

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# 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	2.7 A
Max Operating (Random IOs)	1.5 A	2.7 A
Idle	0.95 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	Value
Capacity, formatted	146,810,536,448 bytes minimum (512 bytes per sector)
Seek times (read/write)	
Single track seek	0.5 msec / 0.7msec
Average seek	3.7 msec / 4.2 msec
Maximum seek	8.0 msec / 9.0 msec
Rotational latency	
Maximum	4.00 msec (15 Krpm)
Average	2.00 msec
HDA data transfer rate	
Disk to read buffer	70 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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