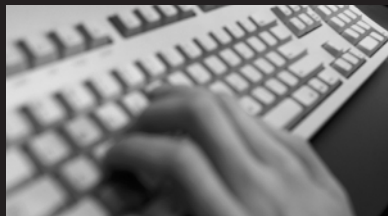
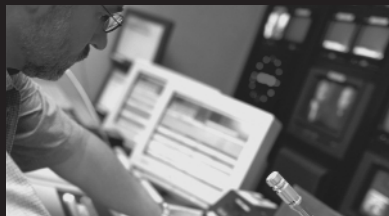


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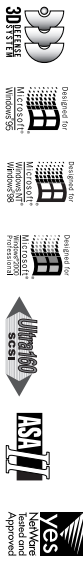
www.seagate.com ■ 1-800-732-4283; 1-800-SEAGATE

BARRACUDA 180

181.6 GB¹

KEY ADVANTAGES

Model Number	ST1181677LGV	LVD, Single Connector SCSI / with 16-Mbyte cache
	ST1181677LWV	LVD, Wide SCSI / with 16-Mbyte cache
	ST1181677FCV	200 Mbyte-per-second Fibre Channel / with 16-Mbyte cache
INTERFACE		
Interface/External Transfer Rate (Mbytes/sec)	Ultra160 SCSI/160	
	2 Gbit/sec FC/200 ²	
PERFORMANCE		
Spindle Speed (RPM)	7,200	
Latency, average (msec)	4.17	
Seek Time	7.4/8.2	New , RV Sensor monitors and adjusts for movement in position of the drive as a result of vibration in multidrive cabinets.
Average read/write (msec)	0.8/1.1	
Track-to-Track read/write (msec)	282 to 508	
Transfer Rate	26 to 47	
Internal (Mbits/sec)	26 to 47	
Cache Multisegmented (Mbytes)	16	16-Mbyte V-code cache is ideal for video or imaging, providing formatted data rates up to 47 Mbytes per second.
CONFIGURATION/ORGANIZATION		
Discs/Heads	12/24	
Sectors per drive, 512 bytes/sector	354,600,004	
Cylinders	24,247	
Recording Method PRML	EPR4	
RELIABILITY/DATA INTEGRITY		
Error Rate	10 per 10 ¹²	Boasts best reliability rating in the industry, benefiting from a wide range of durability and compatibility testing.
Recoverable, per bits read	1 per 10 ¹⁵	
Nonrecoverable, per sectors read	10 per 10 ⁶	
Seek Errors, per seek	3.7	Runs quieter than any other half-height drive.
ENVIRONMENTAL		
Acoustics, Idle (bels)	5 to 50/-40 to 70	30D Temperature Sensor warns when the drive temperature exceeds specifications.
Temperature: Operating/Nonoperating (°C)	10/150	30D Seashell provides more than 1,000 Gs nonoperating shock.
Shock: Operating/Nonoperating 2 msec (Gs)	0.5/2.0	30D G-Force Protection increases drive ruggedness.
Vibration: Operating/Nonoperating 22-350 Hz (Gs)	2.25/1.52	
POWER REQUIREMENTS		
+12/+5 VDC ± 5% (amps)	10.3	
Power, Idle SCSI, FC (watts)	1.6/40.64	
PHYSICAL		
Height (in/mm)	4.0/101.6	
Width (in/mm)	5.75/146.05	
Depth (in/mm)	2.3/1.043	
Weight (lb/kg)		
1. Capacity calculated as 1 Gbyte = 10 ⁹ bytes, based on 512 bytes/sector 2. Limited Availability, June 2001		



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