



3.5-INCH MAGNETO-OPTICAL DISK DRIVE

3.5-in High-capacity Magneto-optical Disk Drive OMD-6020

Epson's OMD-6020 is a 3.5-inch magneto-optical disk drive that conforms to both ISO and ECMA standards. It enables writing and reading with both 230MB and 128MB disks. Featuring only one-inch thickness, low power consumption and low noise, the disk drive is suitable for stand-alone or build-in applications.

- **Low power consumption:**The energy saving design realizes the power consumption of as low as 4.5W at reading.
- **Noiseless design:**The drive is quiet with the noise from the bias magnet subdued.
- **Thin format:**The OMD-6020 is as thin as 25mm.
- **High speed:**The average seek time is 28ms. The data buffer of about 500KB enables high-speed data transaction by use of pre-read and write caches.

	128MB mode	230MB mode
capacity/disk	128MB	230MB
Recording zone /disk	1	10
Capacity/sector	512Byte	
Average seek time	28ms	
Disk revolution	3600RPM	
Average latency	8.3msec	
Burst transfer rate(assynch.)	2.5MB/sec	
Burst transfer rate(synch.)	3.8MB/sec	
Sustained transfer rate	750KB/sec	900~1440KB/sec
Operating temperature	+5°C~+45°C	
Temperature change	20°C/hr	
Humidity	20%~80%	
Vibration	5~700Hz,0.25G	
Shock	2.5G	
MTBF	30000 hr	
MTTR	30 min	
Preventive Maintenance	No	
Design life	5 years	
Data error rate	1×10^{-12}	
Seek error rate	1×10^{-6}	
Power supply voltage(nominal)	+5V DC	
Current(read)	0.9A	
Current (max.)	2.5A	
Height(excl.bezel)	25.4mm	
Width(excl.bezel)	101.6mm	
Depth(excl.bezel)	146.0mm	
Weight	480g	