

5 1/4-INCH WINCHESTER DISK DRIVE

with **FAST ACCESS VCM**

NP04-50

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The NP04-50 disk drive is composed of 5 1/4-inch hard disk storage modules with a recording capacity of 50 megabytes on four fixed disks.

The disk enclosure, which is factory sealed, contains servo and read/write heads, disks, a spindle with a motor, a rotary voice coil head positioning mechanism, absolute filters and servo/read preamplifiers.

The disk drive includes three kinds of PCB and a spindle brake.

Mechanical interface is almost same as Mini-floppy and the electrical interface is designed to be the Modified Floppy (buffered step mode only).

PERFORMANCE SPECIFICATION

Models	NP04-36	NP04-50
Performance		
Capacity(unformatted)	36MB	50MB
(formatted)	28MB	40MB
Per surface		7.28 MB
Per track		10.416 KB
Data transfer rate		5 Mbits/s
Access time(including settling time)		
Minimum		10 ms
Average		40 ms
Maximum		75 ms
Average latency time		8.3 ms
Functional		
Rotational speed	3600 RPM	
Recording density	9375 BPI	
Track density	754 TPI	
Cylinders	699	
Disks	3	4
Operating environment		
Temperature	5 to 45°C(41° to 113°F)	
Relative humidity	8 to 80%RH	
Wet bulb maximum	25°C(78°F)Non.condensing	
Altitude	0 to 3000M(0 to 10000ft)	
Power requirements		
DC voltages	+ 12V ± 5% 2.0A(typical) 4.5A(motor start up max) + 5V ± 5% 1.5A(typical)	
Physical		
W × D × H	146 × 223 × 83mm(5.75 × 8.8 × 3.25 inches)	
Weight	3Kg(6.61bs.)	
Interface	Modified Floppy (Seagate interface)	

Note : Specifications are subject to change without notice.

Option

Industrial interface models other than Modified Floppy are available.

For further information, please contact :



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