

# 5 1/4 -INCH WINCHESTER DISK DRIVE NP05/04

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This disk drive is composed of 5 1/4 -inch hard disk storage modules with a recording capacity of up to 26 megabytes on four fixed disks.

The disk enclosure, which is factory sealed, contains heads, disks, a spindle with a motor, head positioning mechanism, and absolute filters. The disk drive includes 2/3 kinds of PCB and Index sensor.

Mechanical interface is same as Mini-floppy and the electrical interface is designed to be the Modified Floppy (Seagate interface).

# PERFORMANCE SPECIFICATION

Models	NP05-10	NP05-10S	NP04-13 T	NP04-20 T	NP04-26F	NP05-10G	NP05-13G	NP04-20G
Performance								
Capacity(unformatted)	10.00MB		13.33MB	20.00MB	26.66MB	10.00MB	13.37MB	20.00MB
(formatted)	7.86MB		10.48MB	15.27MB	20.97MB	7.86MB	10.52MB	15.72MB
Per surface	1.67MB		3.33MB			1.67MB	2.23MB	3.33MB
Per track	10.416KB							
Data transfer rate	5Mbits/s							
Access time(ms) (including settling time)								
Minimum	18	18	18			18	18	18
Average	174	95	95			95	80	100
Maximum	492	229	235			229	175	240
Average latency time	8.3ms							
Functional								
Rotational speed	3600RPM							
Recording density	8020BPI		10200BPI			8020BPI	8900BPI	10200BPI
Track density	221TPI		298TPI			221TPI	254TPI	298TPI
Cylinders	160		320			160	214	320
Disks	3		2	3	4	3		
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%1.8A(typical) 4.5A(motor start up max)							
	+5V±5%1.0A(typical)				+5V±5%1.5A(typical)			
Physical								
W × D × H	146 × 203 × 83mm(5.75 × 8.00 × 3.25 inches)							
Weight	2.5Kg(5.51bs.)							
Interface	Modified Floppy (Seagate interface)				Modified Floppy (SA4000 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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