

MAW3 NC/NP Series Specifications

FUNCTIONAL SPECIFICATIONS

		MAW3073NC MAW3073NP	MAW3147NC MAW3147NP	MAW3300NC MAW3300NP
Storage Capacity^{*1}		73.5GB	147GB	300GB
Disks		1	3	4
Heads		2	5	8
Rotational Speed		10,025min ⁻¹ { 10,025rpm }		
Seek Time (typical)	Minimum	Read: 0.2ms, Write: 0.4ms		
	Average	Read: 4.5ms, Write: 5.0ms		
	Maximum	Read: 10ms, Write: 11ms		
Physical Dimensions (Width x Depth x Height)		101.6mm x 146.0mm x 25.4mm		
Weight		0.75kg		
Power Consumption	Idle	9.5 W		
Energy Efficiency^{*2}		a rank 0.129 W/GB	b rank 0.0646 W/GB	c rank 0.0316 W/GB
Host Interface		SCSI SCA-2 (NC model) / 68-pin Wide (NP model)		
Data Transfer Rate		320MB/s maximum (U320)		
Data Buffer^{*3}		8 MB		

- (*1) One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.
- (*2) Energy efficiency based on the Law Concerning the Rational Use of Energy indicates the value obtained by dividing power consumption by the storage capacity (Japan only).
- (*3) Fujitsu defines 1 megabyte (MB) as 1,048,576 bytes for data buffer size.

ENVIRONMENTAL SPECIFICATIONS

		MAW3073NC MAW3073NP	MAW3147NC MAW3147NP	MAW3300NC MAW3300NP
Ambient Temperature	Operating	5°C to 55°C (ambient) 5°C to 60°C (disk enclosure surface)		
	Non-operating	-40°C to 70°C		
	Gradient	15°C/h or less		
Relative Humidity	Operating	5% to 95% RH (non condensing)		
	Non-operating	5% to 95% RH (non condensing)		
	Maximum wet bulb	29°C (non condensing)		
Vibration	Operating	0.6mm (5 to 20Hz) 9.8m/s ² { 1.0G } (20 to 300Hz)		
	Non-operating	3.1mm (5 to 20Hz) 49m/s ² { 5.0G } (20 to 300Hz)		
Shock	Operating	637m/s ² { 65G }		
	Non-operating	2,205m/s ² { 225G }		
Power requirements		+5V ± 5%, +12V ± 5%		