



Seagate Nytro WarpDrive Half-Height/Half-Length (HH/HL) 1.6 TB PCI Express eMLC



Brand : Seagate

Product code: ST1600KN0002

Product name : Nytro WarpDrive

1.6 TB, eMLC, 4GB/s, x8 PCIe 2.0, AES-128/256, HHHL

Seagate Nytro WarpDrive. SSD capacity: 1.6 TB, SSD form factor: Half-Height/Half-Length (HH/HL), Read speed: 2000 MB/s, Write speed: 1000 MB/s, Data transfer rate: 4 Gbit/s



Features		Features	
Security algorithms	128-bit AES, 256-bit AES	Server operating systems supported	Windows Server 2003 R2, Windows Server 2008 R2, Windows Server 2012
SSD form factor *	Half-Height/Half-Length (HH/HL)	Certification	Safety: US/Canada UL, Europe CB Agency Certifications: CE mark, C-Tick mark, Canadian Compliance Statement, KCC, HF, Taiwan BSMI, Japan VCCI, FCC Class B, and CISPR Class B WEEE
SSD capacity *	1.6 TB	Operational conditions	
Interface *	PCI Express	Operating temperature (T-T)	0 - 45 °C
Memory type *	eMLC	Operating relative humidity (H-H)	5 - 90%
Data transfer rate	4 Gbit/s	Maximum operating altitude	3048 m
Read speed	2000 MB/s	Technical details	
Write speed	1000 MB/s	Sustainability certificates	RoHS
Random read (8KB)	185000 IOPS	Other features	
Random write (8KB)	120000 IOPS	Product colour	Multicolour
Access time	50 ms	Internal	✓
PCI Express CEM revision	2.0	Other operating systems supported	VMware ESX/ESXi 4.0 U4, VMware ESX/ESXi 4.1 U2, VMware ESX/ESXi 5.0 U1, VMware ESX/ESXi 5.1
S.M.A.R.T. support	✓		
Windows operating systems supported	Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows XP Home, Windows XP Home x64		
Linux operating systems supported	CentOS 6.2, Debian 6.0, Fedora 18, FreeBSD 7.0, RedHat EL Linux 5.0, RedHat EL Linux 5.1, RedHat EL Linux 5.2, RedHat EL Linux 5.3, RedHat EL Linux 6.0, Ubuntu 10.04, Ubuntu 11.10, Ubuntu 12.04		

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