

Product Datasheet

dynabook Boost AX7300

PCIe Gen4x4 NVMe Solid State Drives



Detailed Specifications

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	Boost AX7300 PCIe Gen4x4 NVMe SSD		
Capacity	512GB	1000GB	2000GB
Interface	PCIe® Gen 4 x 4, NVMe™ 2.0		
NAND	3D QLC		
Sequential Read Speed*	Up to 6,600MB/s	Up to 7,100MB/s	
Sequential Write Speed*	Up to 3,200MB/s	Up to 5,800MB/s	Up to 6,000MB/s
Random Read Speed*	500 KIOPS	900 KIOPS	950 KIOPS
Random Write Speed*	800 KIOPS	950 KIOPS	950 KIOPS
TBW	110 TB	250 TB	450 TB
MTBF (Mean Time Between Failure)	1.5 million hours		
Power Consumption	NVMe Power State PS4 L1.2 < 5mW		
Temperature range	Operation: 0℃ to 70℃; Storage: -40℃ to 85℃		
Form Factors		M.2 2280	
Warranty	5 years local limited		
Supporting Features	ECC (LDPC), Wear Leveling, TRIM, S.M.A.R.T., Thermal Throttling		
Data Security	AES 256-bit Full Disk Encryption, TCG/Opal V2.0		

Part numbers	Description
OA1271-PHDS	dynabook Boost AX7300 512GB
OA1271-PHES	dynabook Boost AX7300 1000GB
OA1271-PHFS	dynabook Boost AX7300 2000GB

means one trillion bytes. Total available capacity will vary based on operating environment and may show less storage capacity. Some of the listed capacity is used for formatting and other functions and is not available for usage.

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