

Product Datasheet dynabook Boost AX9300

PCIe Gen5x4 NVMe Solid State Drives



Detailed Specifications

	Boost AX9300 PCIe Gen5x4 NVMe SSD	
Capacity	1000GB	2000GB
Interface	PCIe® Gen 5 x 4, NVMe™ 2.0	
NAND	3D TLC	
Sequential Read Speed*	Up to 10,200MB/s	Up to 10,300MB/s
Sequential Write Speed*	Up to 8,300MB/s	Up to 8,600MB/s
Random Read Speed*	1,300 KIOPS	1,300 KIOPS
Random Write Speed*	1,500 KIOPS	1,500 KIOPS
TBW	600 TB	1,200 TB
MTBF (Mean Time Between Failure)	1.5 million hours	
Power Consumption	NVMe Power State PS4 L1.2 < 5mW	
Temperature range	Operation: 0°C to 70°C; Storage: -40°C to 85°C	
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
OA1266-PHES	dynabook Boost AX9300 1000GB
OA1266-PHFS	dynabook Boost AX9300 2000GB