Product Datasheet
dynabook Boost AX7000

PCIe Gen4 NVMe Solid State Drives

If you are always striving for the highest level of performance, you will be thrilled with the new Dynabook Boost AX7000 PCIe Gen4 NVMe Solid State Drives that features a jaw dropping sequential read speed* of up to 5,700 MB/s, and sequential write speeds* of up to 4,900MB/s. This is the foremost choice for content creators and video editors to unleash your system's power.

Detailed Specifications

	Boost AX7000 PCIe4 NVMe SSD		
Capacity	500GB	1TB	2TB
Interface	PCIe 4 x 4, NVMe 1.4		
NAND	QLC		
Sequential Read Speed*	Up to 4,500MB/s	Up to 5,450MB/s	Up to 5,700MB/s
Sequential Write Speed*	Up to 2,600MB/s	Up to 4,700MB/s	Up to 4,900MB/s
IOPS (Read)	280K	570K	750K
IOPS (Write)	620K	900K	920K
Total Bytes Written (TBW)	110	250	450
Mean Time Between Failure (MTBF)	1.5m hours		
Power Consumption	L1.2 < 5mW		
Temperature range	Operation: 0℃ to 70℃; Storage: -40℃ to 85℃		
Form Factors	M.2 2280		
Warranty	5 years local limited		

Part numbers	Description
OA1218-PHDS	dynabook Boost AX7000 500GB
OA1218-PHES	dynabook Boost AX7000 1TB
OA1218-PHFS	dynabook Boost AX7000 2TB