

## Product Datasheet dynabook Boost AX7300 PCIe Gen4x4 NVMe Solid State Drives



**Detailed Specifications** 

Detailed Specifications				
	Boost AX7300 PCIe Gen4x4 NVMe SSD			
Capacity	512GB	1000GB	2000GB	
Interface	PCle® 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: $0  ^{\circ} \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$			
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

© 2025 Dynabook Singapore Pte. Ltd. All rights reserved. Product design, colours and specifications subject to change without notice and may vary from those shown. While Dynabook has made every effort at the time of printing to ensure the accuracy of the information provided herein, product specifications, configurations, warranty, pricing, system/component/ options availability are all subject to change without prior notice. Dynabook will not be liable for editorial, pictorial, and typographical errors. One Gigabyte (GB) means one billion bytes and one Terabyte (TB)



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.

**Product Datasheet**