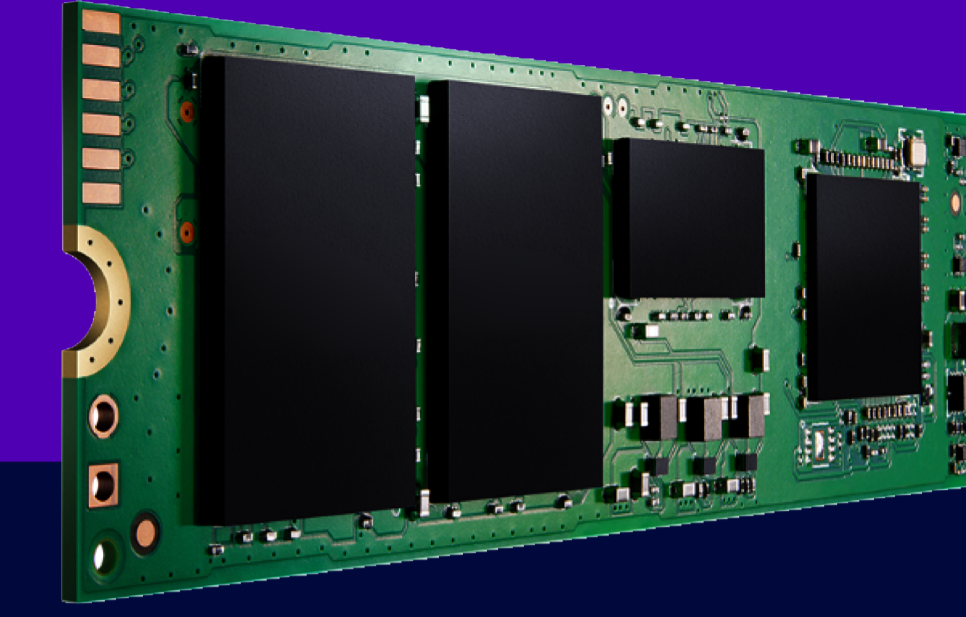






# Quick guide to solid state drive (SSD) storage

Accelerate your computing experience with the right SSD for you



				Recommended values by use case			
	What is it?	Why is it important?	Pro tip	Small business owner 	Content creator 	Gamer 	Student 
Capacity	Amount of storage space	Capacity determines how much data you can store	Select capacity based on current and future storage needs	256 GB or more	1 TB or more	1 TB or more	256 GB or more
Performance	Read/write speed from/to your SSD	Determines how long you may wait for data to load	Don't trust the box label, look at third-party reviews for your use case	Random read: at least 3,500 megabytes per second (MB/s) Random write: at least 2,700 MB/s			
Endurance	The amount of terabytes written (TBW) over the life of your SSD	Predicted life of your SSD	Today's SSDs offer 100s of gigabytes per day with lots of TBW	~180+ TBW or higher	180+ TBW or higher	~370+ TBW or higher	185 TBW
Form factor/interface	Physical size of SSD and how it talks to your PC	To ensure it will fit in your PC and talk to it	The easiest place to find this info is in your manual	Form factor: Most of today's SSDs are 2,280 mm (22 mm x 80 mm) in form factor. Interface: Most SSDs use NVMe Express (NVMe) over PCIe, but some use a Serial ATA (SATA) interface.			
SSD connector	How your SSD connects to your PC	The M.2 connector is now industry standard	The easiest place to find this info is in your manual	Most of today's SSDs use an M.2 connector, though some use SATA			

These are the basics. For details, download [“What you should know about solid state drives \(SSDs\).”](#) ■

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