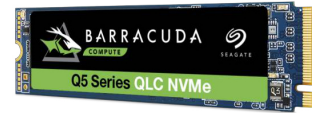# Seagate BarraCuda Q5 SSD 500GB M.2 PCI Express 3.0 QLC 3D NAND NVMe



**Brand :** Seagate **Product family:** BarraCuda **Product code:** ZP500CV3A001

**Product name :** Q5 SSD 500GB

BarraCuda Q5 500GB, PCIe Gen3 ×4, NVMe 1.3, 3D QLC

Seagate BarraCuda Q5 SSD 500GB M.2 PCI Express 3.0 QLC 3D NAND NVMe:

Upgrade your PC with the Seagate® BarraCuda™ Q5 NVMe SSD and unleash performance speeds up to 50× faster than traditional HDDs. Designed with the latest 3D QLC NAND technology, BarraCuda Q5's slim M.2 2280 form factor provides optimal compatibility and easy plug-and-play installation.
Seagate BarraCuda Q5 SSD 500GB. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 2300 MB/s, Write speed: 900 MB/s, Component for: PC/notebook

## Features

| | |
|---|---|
| NVMe version | 1.3 |
| SSD form factor * | M.2 |
| SSD capacity * | 500 GB |
| Interface * | PCI Express 3.0 |
| Memory type * | QLC 3D NAND |
| NVMe * | ✓ |
| Component for * | PC/notebook |
| Read speed | 2300 MB/s |
| Write speed | 900 MB/s |
| S.M.A.R.T. support | ✓ |
| TRIM support | ✓ |
| Mean time between failures (MTBF) | 1800000 h |
| Windows operating systems supported | ✓ |
| Linux operating systems supported | ✓ |

## Power

| | |
|---|---|
| Power consumption (average) | 2.2 W |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 70 °C |
| Storage temperature (T-T) | -40 - 85 °C |
| Non-operating shock | 1500 G |

## Technical details

| | |
|---|---|
| Sustainability certificates | ✓ |
| Doesn't contain | Halogen |

## Weight & dimensions

| | |
|---|---|
| Width | 22 mm |
| Depth | 80 mm |
| Height | 2.15 mm |
| Weight | 7 g |

## Packaging data

| | |
|---|---|
| Package width | 133 mm |
| Package depth | 178 mm |
| Package height | 13 mm |
| Package weight | 51 g |
| Package type | Box |

## Logistics data

| | |
|---|---|
| Harmonized System (HS) code | 84717070 |

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