

# SSD-512G-P3-M2 SSD

## Overview

U3000 series SSD is an M.2 2280 SSD that features small size, low heat generation, and low power consumption. It has four PCIe Gen3 interfaces, provides up to 3100MB/s sequential read speed and a minimum of 1300MB/s sequential write speed, which is faster and more efficient than traditional HDD and SATA SSD products.



Capacity	512GB
Storage media	3D TLC
Interface	M.2
Dimensions	80mmx22mmx2.3mm (LxWxH)
Weight	Max 8g
Max sequential read	2800MB/s
Max sequential write	1700MB/s
Max random read (4KB)	80K
Max random write (4KB)	153K
Operating temperature	0°C to 70°C
Storage temperature	-40°C to 85°C
Operating humidity	≤90% RH (non-condensing)
MTBF	≥1500000 hours

## Ordering Information

Item	Description
Model	SSD-512G-P3-M2
Description	512G PCIe3 NVMe U3000 SSD

Item	Remarks
SSD-512G-P3-M2	Storage media-3D TLC-512G-PCIe3 NVMe-U3000 SSD-UNV

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**\*Product specifications and availability are subject to change without notice.**