# **MU X1** Series

M.2 2280 | NVMe PCIe SSD

## KEY BENEFITS

- High Speed NVMe 1.3 protocol
- Smart Thermal Throttling Technology
- Best for PC Gaming
- Premium 3D NAND flash

## APPLICATIONS

PC Gaming

E-Commerce

Boot

Office Workloads

## HIGH SPEED NVME 1.3 PROTOCOL

The MU X1 SSD Series supports NVMe 1.3 protocol and utilizes PCIe Gen 3 x4. The MU X1 is capable of delivering sequential read / write speeds up to 3,400 / 3,000 MB/s. MU X1 delivers the performance that consumers and gamers would expect from high-end setups.

## HIGH QUALITY 3D NAND FLASH

The MU X1 features 3D NAND Flash coupled with custom firmware that promises effective endurance and quality that users always demand. Wherever you need a reliable SSD, the MU X1 delivers incredible performance whether for work, entertainment or PC gaming.

## SMART THERMAL THROTTLING TECHNOLOGY

The controller on the MU X1 features an intelligent thermal throttling technology that detects operational temperatures. This feature automatically activates when it reaches 80° Celsius, to maintain optimal status and stabilized performance.

## THE BEST CHOICE FOR ANY PC BUILD

Building a cost-effective gaming PC or just doing an upgrade? The MU X1 slim and compact M.2 2280 form factor is the best choice. With PCIe NVMe 1.3 interface, the MU X1 provides less lags, therefore a more enjoyable gaming experience.

# MU X1 Series NVMe PCIe SSD

| | PP5-8D256 | PP5-8D512 | PP5-GD1024 | PP5-GD2048 |
|---|---|---|---|---|
| **Configuration** | | | | |
| Capacity | 256 GB | 512 GB | 1 TB | 2 TB |
| Interface | NVMe PCIe Gen 3 x4 | | | |
| Form Factor | M.2 2280 (80 mm x 22 mm x 3.65 mm) | | | |
| **Performance** | | | | |
| Sequential Read/Write[1] | 3,100/1,000 MB/s | 3,400/2,000 MB/s | 3,400/3,000 MB/s | 3,400/3,000 MB/s |
| 4K Random Read/Write[1] | 190K/270K IOPS | 370K/360K IOPS | 430K/370K IOPS | 440K/380K IOPS |
| **Reliability** | | | | |
| Warranty | 3 years | | | |
| TBW | 400 | 800 | 1,600 | 3,200 |
| **Compatibility** | | | | |
| Operating System Supported | Microsoft Windows (8.1, 10), Linux OS | | | |
| Agency Approval | FCC, CE, BSMI, VCCI, KCC, EAC, ROHS | | | |
| Command Set Support | TRIM, S.M.A.R.T, ECC, Wear Leveling | | | |
| **Environment** | | | | |
| Operating Temperature | 0 to 70° C (32° F ~ 158° F) | | | |
| Power Requirement | DC 3.3V 2.5A (Max.) | | | |

Specifications and data are subject to change without notice. Product image is sample only. Not actual product.
[1] Based on internal testing, performance, may vary depending on host device, OS and application  [2] UBER - Unrecovered Bit Error Rate  [3] MTBF - Mean Time Between Failures based on parts stress analysis  [4] Standard 3-year warranty

For more information, please visit:

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