

Datasheet

# M.2 (P42) 3ME2 series

- PCIe Gen. III x2, NVMe 1.3
- Excellent data transfer speed
- Zero mechanical interference
- LDPC ECC engine supported.
- End-to-end Data Path Protection



## Introduction

Innodisk M.2 (P42) 3ME2 is an NVM Express DRAM-less SSD designed as the standard M.2 form factor with PCIe interface and MLC NAND Flash. M.2 (P42)3ME2 supports PCIe Gen III x2, and it is compliant with NVMe 1.3 providing excellent performance. Moreover, it adopts MLC NAND Flash providing high endurance and reliability. With sophisticated error detection and correction (ECC) functions, the module can ensure full End-to-end Data Path Protection that secures the data transmission between host system and NAND Flash.

Innodisk M.2 (P42) 3ME2 is integrated with Marvell controller which provide both low power consumption and efficient heat dissipation, making the SSD optimal for space-constrained IPCs and server boot-up applications.

**innodisk**

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