

Datasheet

# M.2 (S42) 3TE7 series

- M.2 SATA III solution for industrial field
- Exclusive L<sup>3</sup> architecture
- DRAM-less, 100% data integrity
- Excellent random performance
- Supports TRIM/NCQ/SMART
- Built in iData Guard
- Compatible with M.2 2242-D2-B-M standard
- Designed with hardware LDPC ECC engine



## Introduction

Innodisk M.2 (S42) 3TE7 SATA III Solid State Drive adopts latest SATA III NAND controller with Innodisk's exclusive L<sup>3</sup> FW architecture which incorporates powerful LDPC technology into Innodisk signature 4K mapping L<sup>2</sup> FW architecture. 3TE7 series have outstanding high IOPS, better data integrity and extended lifespan through implementation of Die-Raid protection. Built-in thermal sensor and iData Guard also ensure data integrity and reliability of 3TE7 for industrial applications.

Innodisk M.2 (S42) 3TE7 is designed for industrial field and supports several advanced features including TRIM, NCQ, and S.M.A.R.T. In addition, Innodisk's exclusive industrial-oriented firmware provides flexible customization service, making 3TE7 a perfect option for a variety of industrial applications.

