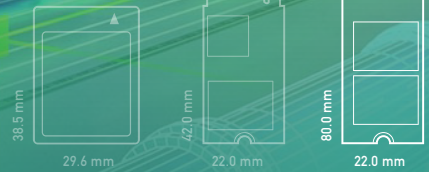


E35D

- Surveillance/Edge AI • Factory Automation • Smart Retail
- Gaming • Healthcare



PCIe Gen3x4 | M.2 2280

addlink E35D M.2 2280 PCIe Gen3x4 SSDs use industrial grade controller and are equipped with Kioxia NAND flash and deliver performance with sequential read/write speed of up to 2450 /1900 MB per second, making it the best industrial storage solution. addlink E35D is compliant with TCG OPAL for data security. It also supports the latest LDPC ECC, advanced wear leveling, end-to-end data protection, and over-provision technology to ensure data accuracy and integrity for a longer SSD lifetime. The E35D SSD is available in 128GB to 2048GB capacities and comes with addlink's Toolbox software for easy management and real-time monitoring. It is an ideal solution for edge AI, factory automation, smart retail, surveillance, gaming and healthcare applications.

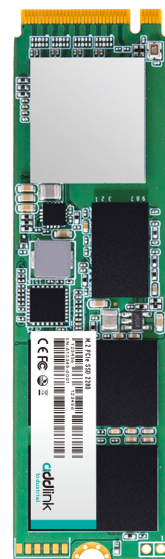
Specifications

Form Factor / Interface	M.2 2280 / PCIe Gen3x4
Connector	M.2 M key with PCIe pin out
DRAM / Flash	DDR4 / 3D TLC
Capacity	240GB~1920GB
Sequential Read/Write (up to)	R: 3300 MB/s, W: 1000 MB/s
Random Read/Write (up to)	R: 490k IOPS, W: 500k IOPS
Supply (V)	3.3V + -5%
Max. Endurance	2,800 TBW (1920GB)
Max. Power Consumption (R/W)	5.5/5.3W
Max. Idle Power Consumption	2W
Shock / Vibration	1500G0-P/0.5ms duration, 20Hz~80Hz/1.52mm 80Hz~2000Hz/20G
Operating Humidity	5%-95% RH, non-condensing
Operating Temperature	Standard: 0°C to 70°C, Industrial: -40°C to 85°C
MTBF	2M hrs
Security (Optional)	TCG OPAL 2.0 Compliant
Technologies	LDPC/RAID ECC, Thermal Throttling, SLC Cache, Wear Leveling, Bad block management, TRIM command, S.M.A.R.T.

Features

- AES-256-bit Encryption & TCG-OPAL 2.0 Compliant*
- Low Power Consumption (Max. Read/Write Power Consumption <3.5W)
- LDPC with RAID ECC
- Thermal Protection Mechanism
- SMART Toolbox for SSD health monitoring
- End to end data protection
- Wide-temperature support: -40°C to 85°C

* It's optional function and support by specific firmware



TCG OPAL	Write Protect	Crypto Erase	ToolBox	Advance Thermal Solution
○	●	○	●	○

● Default Implemented ○ On Request - Not Available

