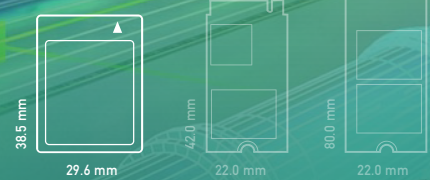


E36D

- Surveillance • Edge AI • Factory Automation • Gaming



PCIe Gen3x2 | CFexpress Card

addlink E36D CFExpress with PCIe Gen3x2 interface that uses the industrial Controller and is equipped with Kioxia NAND flash and deliver performance with sequential read/write speed of up to 1700/1600 MB per second, making it the best industrial storage solution for embedded system. addlink E36D 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 E36D SSD is available in 256GB, 512GB, and 1024GB and comes with addlink's Toolbox software for easy management and real-time monitoring. It is an ideal solution for surveillance, edge AI, factory automation, gaming and healthcare applications.

Specifications

| | |
|-------------------------------|--|
| Form Factor / Interface | CFExpress / PCIe Gen3x2 |
| Connector | Cfexpress (Type B) |
| Flash | 3D TLC |
| Capacity | 256GB~1024GB |
| Sequential Read/Write (up to) | R: 1700 MB/s. W: 1600 MB/s |
| Random Read/Write (up to) | R: 270k IOPS. W: 380k IOPS |
| Supply (V) | 3.3V + -5% |
| Max. Endurance | 1.120 TBW (1024GB) |
| Max. Power Consumption (R/W) | 2.8/2.6W |
| Max. Idle Power Consumption | 0.8W |
| 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 ECC, Thermal Throttling, SLC Cache, Wear Leveling, S.M.A.R.T. Bad block management, End to End data protection, TRIM command. |

Features

- AES-256-bit Encryption & TCG-OPAL 2.0 Compliant*
- Low Power Consumption (Max. Read/Write Power Consumption <2.8W)
- 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



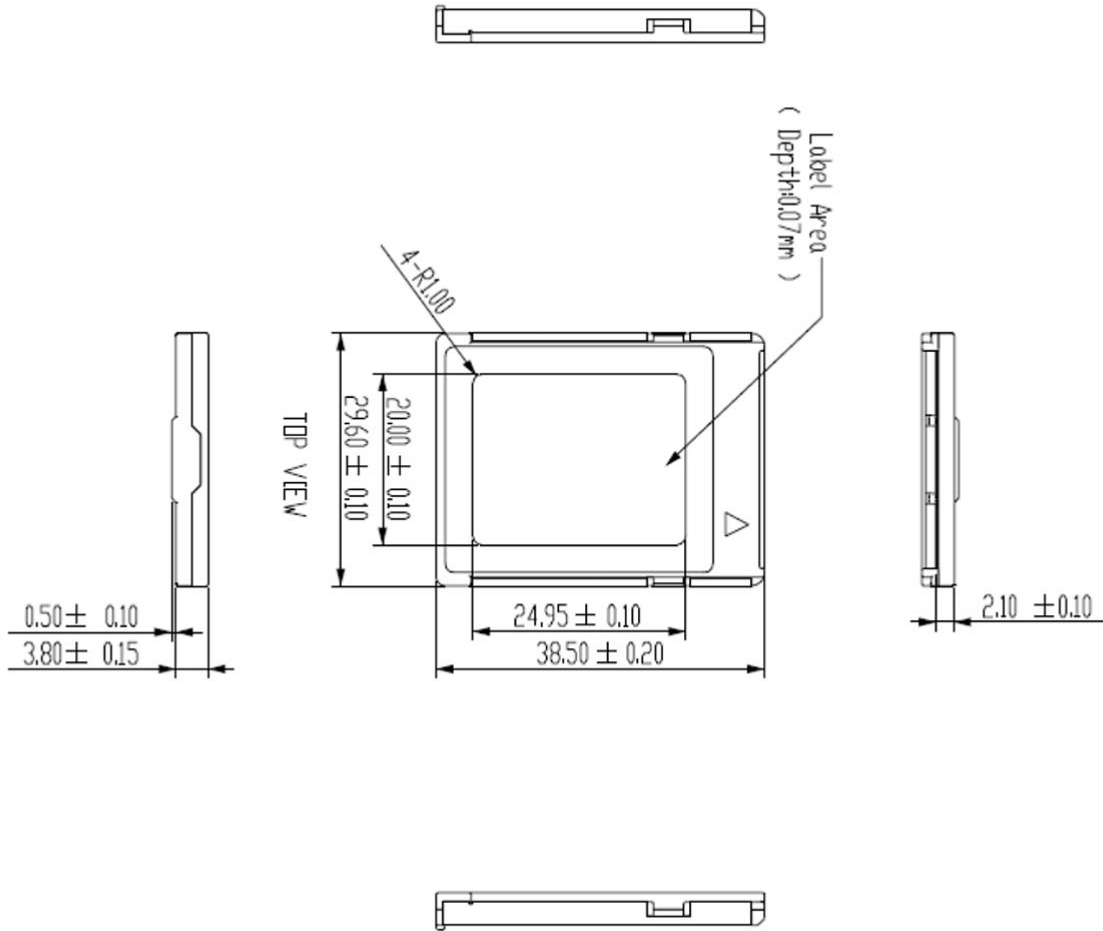
| | | | | |
|----------|--------------|--------------|---------|--------------------------|
| | | | | |
| TCG OPAL | Secure Erase | Crypto Erase | ToolBox | Advance Thermal Solution |
| ○ | ● | ○ | ● | ○ |

● Default Implemented ○ On Request - Not Available



Dimensions

- 38.50mm (L) x 29.60mm (W) x 3.8mm (H)



Ordering Information

| Capacity | Commercial (0°C~70°C) | Industrial (-40°C~+85°C) |
|----------|-----------------------|--------------------------|
| 256GB | ad256GBE36DTC | ad256GBE36DTA |
| 512GB | ad512GBE36DTC | ad512GBE36DTA |
| 1024GB | ad1024GBE36DTC | ad1024GBE36DTA |

