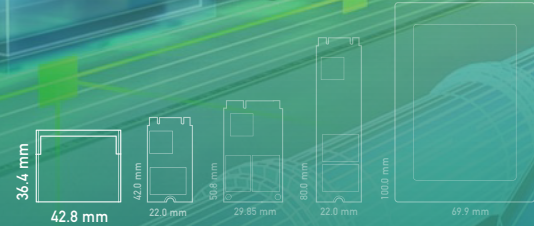


E26C

- Surveillance / Edge AI • Factory Automation • Gaming



SATA III 6Gb/s | CFAST Card

addlink E26C Cfast SATA Solid State Disk (SSD) use industrial grade controller and is equipped with 112 Layer 3D TLC (BICS5) NAND flash to deliver low power consumption and high-performance SSD, making it the best industrial storage solution for embedded system. addlink E26C is compliant with TCG OPAL for data security and supports the latest LDPC ECC, advanced wear leveling, and over-provision technology. It also optionally supports three low power consumption modes to ensure SSD can extend battery life efficiently. The E26C SSD is available in 64GB to 1TB capacities 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, and gaming applications.

Features

- AES-256-bit Encryption & TCG-OPAL 2.0 Compliant*
 - Support DEVSLP Mode*
 - Low Power Consumption (Max. Read/Write <1.4W)
 - LDPC with RAID ECC
 - Thermal Protection Mechanism
 - SMART Toolbox for SSD health monitoring
- vWide-temperature support: -40°C to 85°C

* It's optional function and support by specific firmware

Specifications

Form Factor / Interface	CFAST / SATA III
Flash	3D TLC
Capacity	64GB~1TB
Sequential Read/Write (up to)	R: 550 MB/s. W: 500 MB/s
Random Read/Write (up to)	R: 36.5k IOPS. W: 57.5k IOPS
Supply (V)	3.3V + -5%
Max. Endurance	1,080 TBW (1TB)
Max. Power Consumption (R/W)	1.15/1.4W
Max. Idle Power Consumption	0.180W
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	3M hrs
Security (Optional)	TCG OPAL 2.0 Compliant
Technologies	LDPC ECC, Thermal Throttling, SLC Cache, Wear Leveling, Bad block management, TRIM command, S.M.A.R.T.



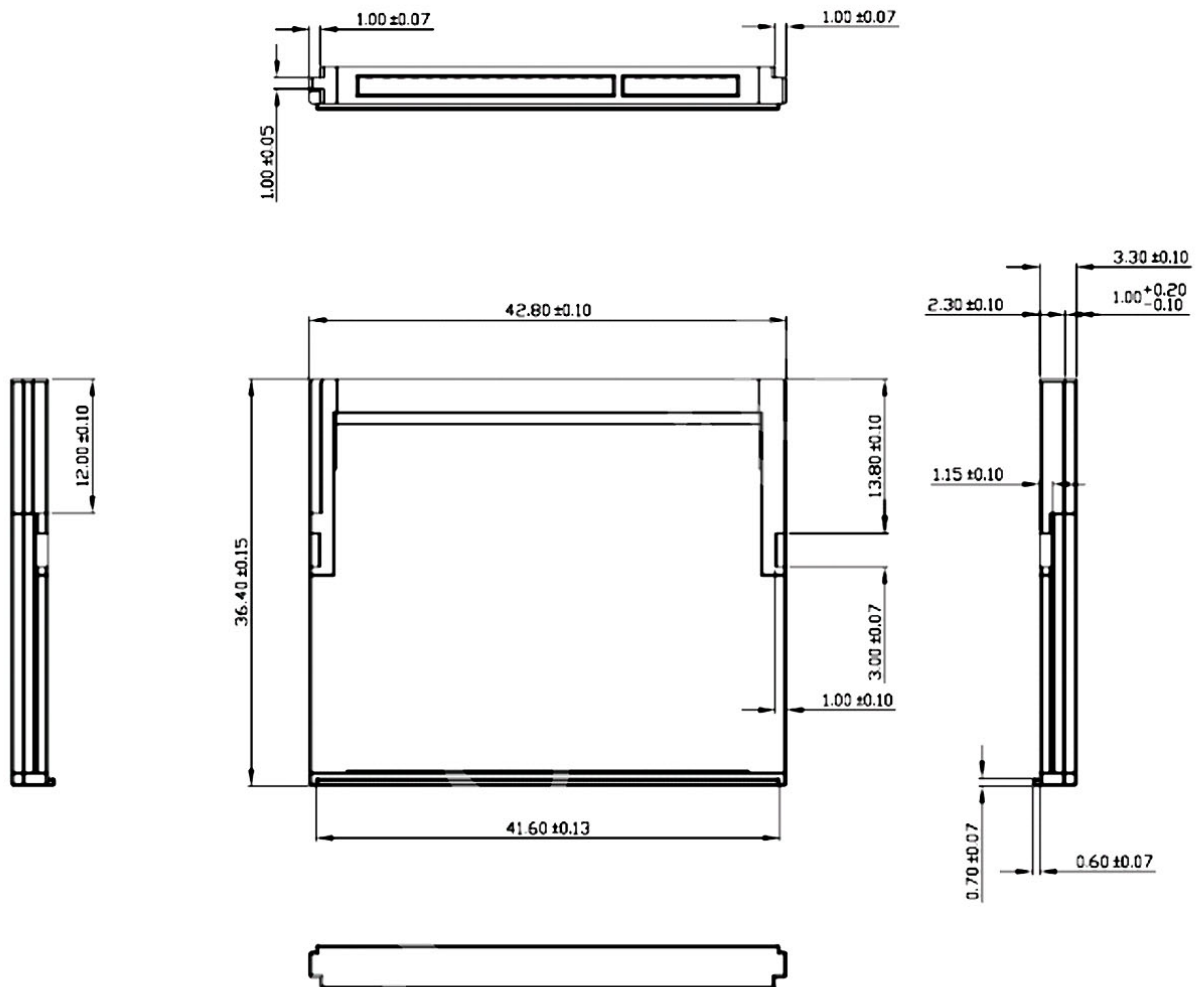
Write Protect	Secure Erase	Crypto Erase	TCG OPAL	ToolBox	Advance Thermal Solution	DEVSLP Mode
○	●	○	○	●	○	○

● Default Implemented ○ On Request - Not Available



Dimensions

- 36.4mm (L) x 42.8mm (W) x 3.3mm (H)



Ordering Information

Capacity	Commercial (0°C~70°C)	Industrial (-40°C~+85°C)
64GB	ad64GBE26CTC	ad64GBE26CTA
128GB	ad128GBE26CTC	ad128GBE26CTA
256GB	ad256GBE26CTC	ad256GBE26CTA
512GB	ad512GBE26CTC	ad512GBE26CTA
1TB	ad1TBE26CTC	ad1TBE26CTA

