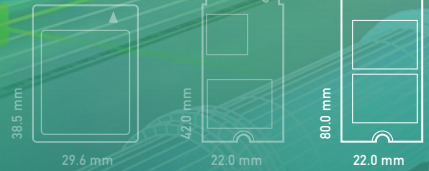


# E35G

- Surveillance/Edge AI • Factory Automation • Military/ Defense
- Gaming • Healthcare



## PCIe Gen3x4 | M.2 2280

addlink E35G M.2 2280 PCIe Gen3x4 SSDs use industrial grade controller and are equipped with 112 Layer 3D TLC (BICS5) NAND flash and delivers significant outstanding performance boost with sequential read/write speeds of up to 3300/1000 MB per second. addlink E35G 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 E35G SSD is available in 240GB to 1920GB 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, military, surveillance, gaming and healthcare applications.

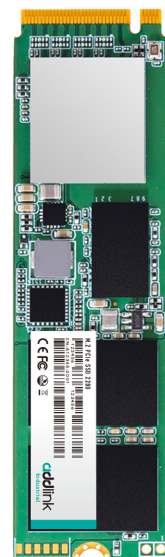
## Features

- AES-256-bit Encryption & TCG-OPAL 2.0 Compliant\*
- LDPC with RAID ECC
- Thermal Protection Mechanism
- SMART Toolbox for SSD health monitoring
- Premium Heat-Spreader Solution (Optional)
- End to end data protection
- Wide-temperature support: -40°C to 85°C

\* It's optional function and support by specific firmware

## 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.

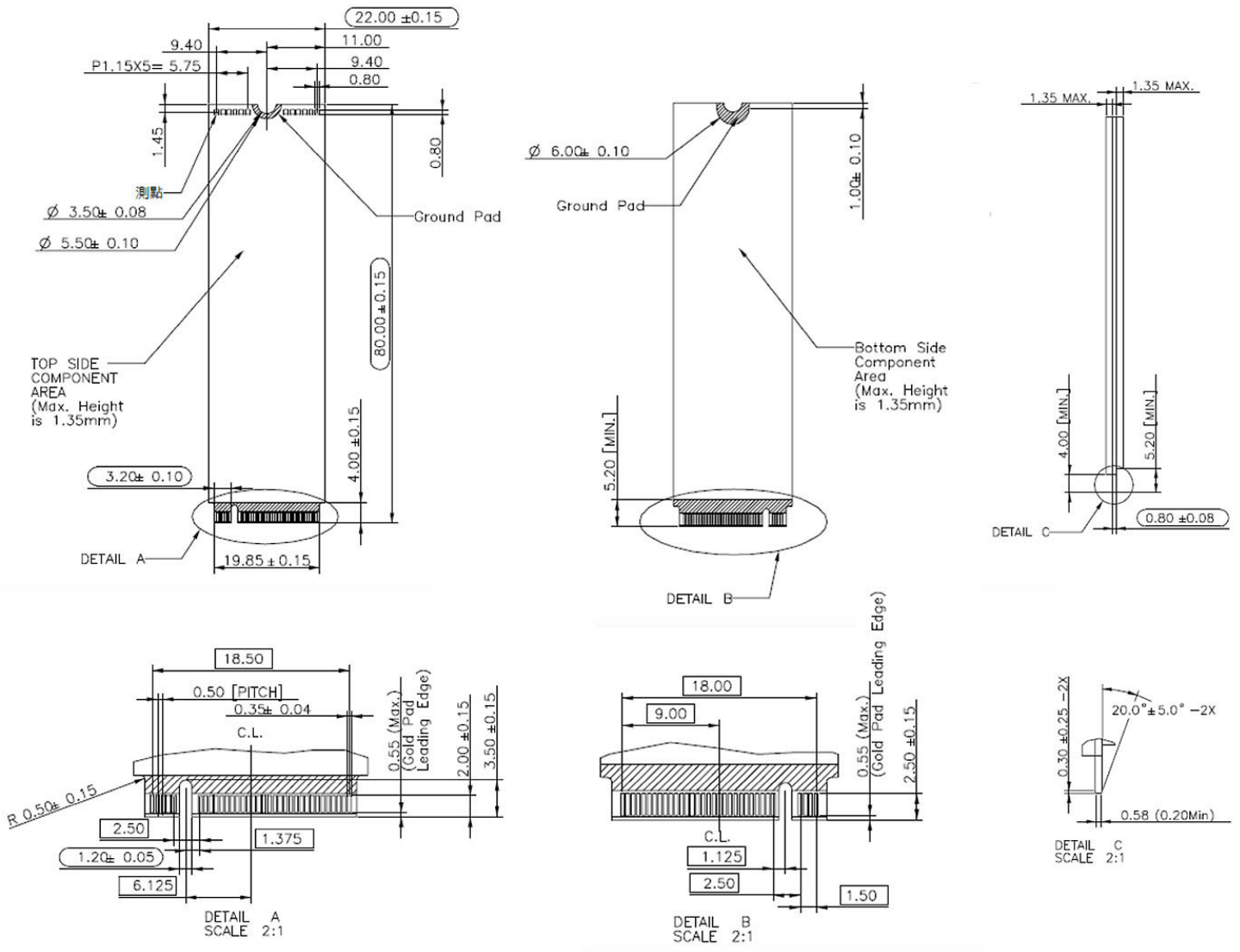


TCG OPAL	Write Protect	Secure Erase	Crypto Erase	ToolBox	Advance Thermal Solution
○	○	●	○	●	○

● Default Implemented ○ On Request - Not Available

# Dimensions

- 80.00mm (L) x 22mm (W) x 1.35 mm (H)



## Ordering Information

Capacity	Commercial (0°C~70°C)	Industrial (-40°C~+85°C)
240GB	ad240GBE35GTC	ad240GBE35GTA
480GB	ad480GBE35GTC	ad480GBE35GTA
960GB	ad960GBE35GTC	ad960GBE35GTA
1920GB	ad1920GBE35GTC	ad1920GBE35GTA

