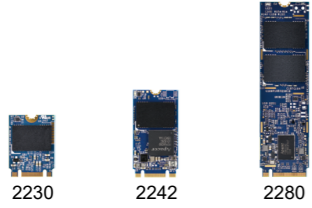


PCIe SSD

[More Detail](#)

M.2



- Capacity:
 - 2230-3D TLC Double side: 60GB-240GB
 - 2242-3D TLC Single side: 60GB ; Double side:120-480GB
 - 2280-3D TLC Single side: 120-240GB ; Double side: 240-1920GB
- Interface:
 - 2230/2242-Compliant with PCIe Gen3 x2 interface
 - 2280-Compliant with PCIe Gen3 x4 interface
- M.2 (NGFF) connector
- Global Wear Leveling and flash block management
- Built-in LDPC ECC* and S.M.A.R.T. functions
- Built-in Hyper Cache Technology and Power Failure Management
- Built-in End-to-End Data Protection and Thermal Management Technique
- Supports Over-Provisioning Technology
- Supports Wide Temperature

PCIe SSD

[More Detail](#)

CFexpress Card & 2.5" & BGA SSD



- Form Factor: CFX Type B Card/2.5"/PCIe BGA SSD (M.2 1620)
- Capacity: CFexpress-3D TLC 60GB-480GB ; 2.5"-3D TLC 960-3840GB ; BGA SSD-3D TLC 60GB-960GB
- Interface:
 - CFexpress-Compliant with NVMe 1.2 and PCIe Gen3 x2 interface
 - 2.5"-Compliant with PCIe Gen3 x4 interface
 - BGA SSD-Compliant with PCIe Gen3 x4 interface
- Global Wear Leveling and flash block management
- Built-in LDPC ECC and S.M.A.R.T. functions
- End-to-End Data Protection and Thermal Management
- Supports Over-Provisioning Technology
- Supports Wide Temperature
- Hyper Cache Technology (CFexpress only)
- Write Protect Switch (optional, CFexpress only)

SFD

[More Detail](#)

SATA Flash Drive

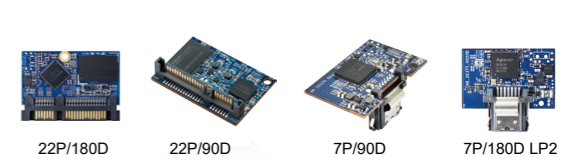


- Capacity: SLC 8GB-512GB, MLC 32GB-2TB, 3D TLC 30GB-3.8TB
- SATA 3 (6 Gbit/s) interface
- Global Wear Leveling and block management
- Built-in ATA Secure Erase, CoreSecurity, and S.M.A.R.T. functions
- Supports DEVSLP
- Supports Wide Temperature
- TRIM and NCQ commands available
- Hyper Cache Technology available*
- Supports Over-Provisioning Technology*
- DataDefender™ *
- Instant Keychange™ (optional)
- DataRAID™ *
- Built-in thermal sensor
- Supports TCG Opal (optional)
- Supports CorePower (optional)
- Supports End-to-End Data Protection*

SDM

[More Detail](#)

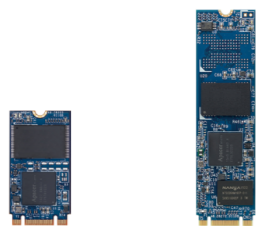
SATA Disk Module



- Capacity:
 - 7pin-SLC 1GB-32GB, 7pin-MLC 4GB-256GB, 3D TLC 30GB-240GB
 - 22pin-SLC 8GB-32GB, MLC 8GB-64GB
- 7pin/22pin connector
- Global Wear Leveling and block management
- Built-in ATA Secure Erase and S.M.A.R.T. functions
- Supports Wide Temperature and TRIM command
- Apacer Multi-Power Path technology (optional for 7pin SDM)
- Supports Over-Provisioning Technology*
- Supports Write Protect (optional)
- DataRAID™ *
- Intelligent power failure recovery

M.2 (NGFF)

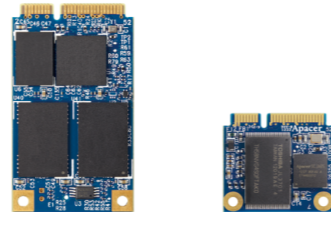
[More Detail](#)



- Capacity: 2242-MLC 8GB-256GB, 2242-3D-TLC 30GB- 960GB ; 2280-MLC 32GB-1TB, 2280-3D-TLC 30GB-1920GB
- SATA 3 (6 Gbit/s) interface
- Global Wear Leveling and flash block management
- Built-in ATA Secure Erase and S.M.A.R.T. functions
- TRIM command available
- Supports DEVSLP (optional)
- Single-side (applicable)
- Supports End-to-End Data Protection*
- Supports Over-Provisioning Technology*
- M.2 (NGFF) connector
- Supports TCG Opal (optional)
- Supports Thermal Throttling (optional)
- Hyper Cache Technology available*
- DataDefender™ *
- DataRAID™ *
- Instant Keychange™ (optional)

mSATA

[More Detail](#)

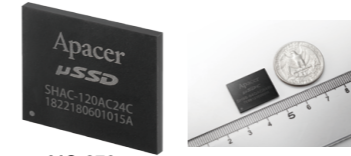


- Capacity:
 - MO-300-SLC 2GB-128GB, MLC 8GB-512GB, 3D TLC 30GB-960GB
 - MO-300B-SLC 1GB-32GB ; MLC 8GB-128GB; TLC 30GB-240GB
- Global Wear Leveling and block management
- Built-in ATA Secure Erase, CoreSecurity, and S.M.A.R.T. functions
- Supports Wide Temperature and thermal sensor
- Supports DEVSLP (optional)
- Supports TCG Opal (optional)
- Supports End-to-End Data Protection*
- Supports Over-Provisioning Technology*
- Supports Write Protect (optional)
- TRIM command available
- Hyper Cache Technology available*
- DataDefender™ *
- DataRAID™ *
- Instant Keychange™ (optional)

μSSD

[More Detail](#)

BGA SSD



- Capacity: 3D TLC 30GB-120GB
- Compliant with MO-276 standard (16 x 20 x 1.4 mm)
- SoC (System on Chip) / SIP (System in Chip) technology
- Built-in S.M.A.R.T. function
- Supports DEVSLP and Wide Temperature
- Hyper Cache Technology available
- Supports Over-Provisioning Technology
- Supports Write Protect (optional)
- DataRAID™
- TRIM command available

USB Drive

[More Detail](#)

USB Disk Module



- Capacity: SLC 256MB-32GB, MLC 8GB-128GB; 3D TLC 16GB-256GB
- Compliant with USB 2.0/3.0/3.1 gen1 specifications
- Built-in ECC engine and S.M.A.R.T. functions
- Supports Wide Temperature (optional)
- Power saving implemented
- Features advanced wear-leveling algorithms
- 3D TLC support page mapping
- Chip-On-Board technology:water/moisture, dust, and shock resistant (EH163-M and UT110-UFD2)
- Lock switch design for write-protection (UH110-UFD4: 4GB-8GB with SLC-liteX)

Industrial microSD & SD Card

[More Detail](#)



- Capacity:
 - SD Card-SLC 256MB-32GB , MLC 4GB-128GB; 3D TLC 32GB-256GB
 - microSD Card-SLC 256MB-8GB , MLC: 4GB-128GB, 3D TLC 32GB-256GB
- Compliant with SD3.0 and SD2.0 specifications
- Supports SD and SPI modes
- Global Wear Leveling and flash block management
- Low power consumption
- Read disturb management
- Smart Read Refresh™
- SLC-lite Technology (optional)
- Supports Wide Temperature
- S.M.A.R.T. function supported
- Intelligent power failure recovery
- FTL: Page Mapping (optional)

Industrial CF

[More Detail](#)

Industrial CompactFlash



- Capacity: SLC 128MB-64GB, MLC 8GB-128GB, SLC-liteX: 8GB-64GB
- Compliant with CF 6.0 / CF 6.1 specification
- Advanced wear-leveling technology and flash block management
- Built-in ATA Secure Erase and S.M.A.R.T. functions
- Intelligent power failure recovery
- Lock switch design for write-protection (CF6A-M/SL only)
- Supports Wide Temperature (optional)
- SLC-lite Technology (Industrial CF6A-SL only)
- SLC-liteX Technology (CH710-CF only)
- Write Protect Switch (optional)

CFast

[More Detail](#)

CFast Card

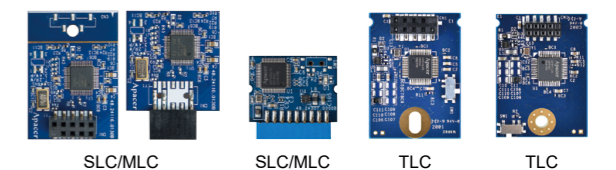


- Capacity: SLC 4GB-64GB, MLC 8GB-256GB, 3D TLC 30GB-480GB, 3D SLC-liteX 10-160GB
- Advanced wear-leveling technology and flash block management
- Built-in ATA secure erase and S.M.A.R.T. functions
- TRIM command available
- Supports DEVSLP (optional)
- Support CorePower Technology (optional)
- Built-in LDPC ECC*
- Supports End-to-End Data Protection*
- Supports Over-Provisioning Technology
- Write Protect Switch (optional)

UDM

[More Detail](#)

USB Disk Module



- Capacity: SLC 128MB-32GB, MLC 8GB-128GB; 3D TLC 16GB-128GB
- Compliant with standard USB specifications
- Supports Linux / Win7 / Win10 or later
- Shock resistance, anti-vibration design and low power consumption
- Supports Wide Temperature (optional)
- Built-in S.M.A.R.T. function
- Pitch size 2.00 mm and 2.54 mm supported (optional)
- 3D TLC support page mapping
- Lock switch design for write-protection (optional)

