

DRAM Product Line

Apacer's Industrial memory modules have all gone through rigorous environment tests (extended temperature and high/low pressure testing for longer periods of time) and motherboard tests.

Available Features for Apacer Industrial Memory Series

- Conformal coating for dust, moisture and corrosion prevention
- Industrial Wide Temperature (-40°C ~ + 85°C) support
- Anti-Sulfuration
- Underfill

Apacer Server Memory

- 30μ 30μ Gold Finger for robust design
- JEDEC Compliant Design
- Thermal Sensor
- CMTL Certified

UDIMM



UDIMM							
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL	Pin
DDR5-5600	PC5-44800	8GB~32GB	1.1V	0 °C ~85 °C	-40 °C ~85 °C	CL46	288-pin
DDR5-4800	PC5-38400	8GB~32GB	1.1V	0 °C ~85 °C	-40 °C ~85 °C	CL46	288-pin
DDR4-3200	PC4-25600	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL22	288-pin
DDR4-2933	PC4-23400	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL21	288-pin
DDR4-2666	PC4-21300	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL19	288-pin
DDR4-2400	PC4-19200	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17	288-pin
DDR4-2133	PC4-17000	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL15	288-pin
DDR3-1600	PC3-12800	1GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL11	240-pin
DDR3-1333	PC3-10600	1GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL9	240-pin
DDR3-1066	PC3-8500	1GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL7	240-pin
DDR2-800	PC2-6400	1GB~4GB	1.8V	0 °C ~85 °C	-	CL6	240-pin
DDR2-667	PC2-5300	1GB~4GB	1.8V	0 °C ~85 °C	-	CL5	240-pin
DDR2-533	PC2-4300	1GB~4GB	1.8V	0 °C ~85 °C	-	CL4	240-pin
DDR-400	PC-3200	512MB~1GB	2.6V	0 °C ~70 °C	-	CL3	184-pin
DDR-333	PC-2700	512MB~1GB	2.5V	0 °C ~70 °C	-	CL2.5	184-pin

VLP UDIMM



VLP UDIMM							
Data rate	Model	Capacity	Voltage	Standard	Height	CL	Pin
DDR5-5600 VLP	PC5-44800	16GB~32GB	1.1v	0 °C ~85 °C	0.738"	CL46	288-pin
DDR5-4800 VLP	PC5-38400	16GB~32GB	1.1v	0 °C ~85 °C	0.738"	CL40	288-pin
DDR4-3200 VLP	PC4-25600	4GB~32GB	1.2V	0 °C ~85 °C	0.738"	CL22	288-pin
DDR4-2933 VLP	PC4-23400	4GB~32GB	1.2V	0 °C ~85 °C	0.738"	CL21	288-pin
DDR4-2666 VLP	PC4-21300	2GB~32GB	1.2V	0 °C ~85 °C	0.738"	CL19	288-pin
DDR4-2400 VLP	PC4-19200	2GB~32GB	1.2V	0 °C ~85 °C	0.738"	CL17	288-pin
DDR4-2133 VLP	PC4-17000	2GB~32GB	1.2V	0 °C ~85 °C	0.738"	CL15	288-pin
DDR3-1600 VLP	PC3-12800	2GB~8GB	1.35V/1.5V	0 °C ~85 °C	0.738"	CL11	240-pin
DDR3-1333 VLP	PC3-10600	2GB~8GB	1.35V/1.5V	0 °C ~85 °C	0.738"	CL9	240-pin
DDR3-1066 VLP	PC3-8500	2GB~8GB	1.35V/1.5V	0 °C ~85 °C	0.738"	CL7	240-pin
DDR2-800 VLP	PC2-6400	1GB~2GB	1.8V	0 °C ~85 °C	0.72"	CL6	240-pin
DDR2-667 VLP	PC2-5300	1GB~2GB	1.8V	0 °C ~85 °C	0.72"	CL5	240-pin

SODIMM



SODIMM							
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL	Pin
DDR5-5600	PC5-44800	8GB~32GB	1.1V	0 °C ~85 °C	-40 °C ~85 °C	CL46	262-pin
DDR5-4800	PC5-38400	8GB~32GB	1.1V	0 °C ~85 °C	-40 °C ~85 °C	CL40	262-pin
DDR4-3200	PC4-25600	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL22	260-pin
DDR4-2933	PC4-23400	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL21	260-pin
DDR4-2666	PC4-21300	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL19	260-pin
DDR4-2400	PC4-19200	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17	260-pin
DDR4-2133	PC4-17000	2GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL15	260-pin
DDR3-1600	PC3-12800	1GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL11	204-pin
DDR3-1333	PC3-10600	1GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL9	204-pin
DDR3-1066	PC3-8500	1GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL7	204-pin
DDR2-800	PC2-6400	1GB~4GB	1.8V	0 °C ~85 °C	-40 °C ~85 °C	CL6	200-pin
DDR2-667	PC2-5300	1GB~4GB	1.8V	0 °C ~85 °C	-40 °C ~85 °C	CL5	200-pin
DDR2-533	PC2-4300	1GB~4GB	1.8V	0 °C ~85 °C	-40 °C ~85 °C	CL4	200-pin
DDR-400	PC-3200	512MB~1GB	2.6V	0 °C ~70 °C	-40 °C ~85 °C	CL3	200-pin
DDR-333	PC-2700	512MB~1GB	2.5V	0 °C ~70 °C	-	CL2.5	200-pin

ECC SODIMM



ECC SODIMM							
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL	Pin
DDR5-5600	PC5-44800	16GB~32GB	1.1V	0 °C ~85 °C	-40 °C ~85 °C	CL46	262-pin
DDR5-4800	PC5-38400	16GB~32GB	1.1V	0 °C ~85 °C	-40 °C ~85 °C	CL40	262-pin
DDR4-3200	PC4-25600	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL22	260-pin
DDR4-2933	PC4-23400	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL21	260-pin
DDR4-2666	PC4-21300	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL19	260-pin
DDR4-2400	PC4-19200	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17	260-pin
DDR4-2133	PC4-17000	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL15	260-pin
DDR3-1600	PC3-12800	2GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL11	204-pin
DDR3-1333	PC3-10600	2GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL9	204-pin
DDR3-1066	PC3-8500	2GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL7	204-pin

ECC UDIMM



ECC UDIMM							
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL	Pin
DDR5-5600	PC5-44800	16GB~32GB	1.1V	0 °C ~85 °C	-40 °C ~85 °C	CL46	288-pin
DDR5-4800	PC5-38400	16GB~32GB	1.1V	0 °C ~85 °C	-40 °C ~85 °C	CL40	288-pin
DDR4-3200	PC4-25600	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL22	288-pin
DDR4-2933	PC4-23400	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL21	288-pin
DDR4-2666	PC4-21300	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL19	288-pin
DDR4-2400	PC4-19200	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17	288-pin
DDR4-2133	PC4-17000	4GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL15	288-pin
DDR3-1600	PC3-12800	2GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL11	240-pin
DDR3-1333	PC3-10600	2GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL9	240-pin
DDR3-1066	PC3-8500	2GB~16GB	1.35V/1.5V	0 °C ~85 °C	-40 °C ~85 °C	CL7	240-pin

RDIMM



RDIMM							
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL	Pin
DDR5-4800	PC5-38400	16GB~128GB	1.1V	0 °C ~85 °C	-	CL40	288-pin
DDR4-3200	PC4-25600	4GB~128GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL22	288-pin
DDR4-2933	PC4-23400	4GB~128GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL21	288-pin
DDR4-2666	PC4-21300	4GB~64GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL19	288-pin
DDR4-2400	PC4-19200	4GB~64GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17	288-pin
DDR4-2133	PC4-17000	4GB~64GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL15	288-pin
DDR3-1600	PC3-12800	1GB~8GB	1.35V/1.5V	0 °C ~85 °C	-	CL11	240-pin
DDR3-1333	PC3-10600	1GB~8GB	1.35V/1.5V	0 °C ~85 °C	-	CL9	240-pin
DDR3-1066	PC3-8500	1GB~8GB	1.35V/1.5V	0 °C ~85 °C	-	CL7	240-pin

SORDIMM



SORDIMM						
Data rate	Model	Capacity	Voltage	Standard	CL	pin
DDR4-2666	PC4-21300	4GB~16GB	1.2V	0 °C ~85 °C	CL19	260-pin
DDR4-2400	PC4-19200	4GB~16GB	1.2V	0 °C ~85 °C	CL17	260-pin
DDR4-2133	PC4-17000	4GB~16GB	1.2V	0 °C ~85 °C	CL15	260-pin

Rugged SODIMM



Rugged SODIMM							
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL	Pin
DDR4-3200	PC4-25600	8GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL22	260-pin
DDR4-2933	PC4-23400	8GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL21	260-pin
DDR4-2666	PC4-21300	8GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL19	260-pin
DDR4-2400	PC4-19200	8GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17	260-pin
DDR4-2133	PC4-17000	8GB~32GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL15	260-pin

XR-DIMM



XR-DIMM						
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL
DDR4-2400	PC4-19200	8GB~16GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17
						300-pin

VLP SODIMM



VLP SODIMM						
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL
DDR4-3200	PC4-25600	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL22
DDR4-2933	PC4-23400	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL21
DDR4-2666	PC4-21300	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL19
DDR4-2400	PC4-19200	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17
DDR4-2133	PC4-17000	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL15

VLP ECC SODIMM



VLP ECC SODIMM						
Data rate	Model	Capacity	Voltage	Standard	Industrial OP Temp.	CL
DDR4-3200	PC4-25600	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL22
DDR4-2933	PC4-23400	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL21
DDR4-2666	PC4-21300	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL19
DDR4-2400	PC4-19200	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL17
DDR4-2133	PC4-17000	4GB~8GB	1.2V	0 °C ~85 °C	-40 °C ~85 °C	CL15

VLP ECC UDIMM



VLP ECC UDIMM							
Data rate	Model	Capacity	Voltage	Standard	Height	CL	Pin
DDR5-5600 VLP	PC5-44800	16GB-32GB	1.1V	0 °C ~85 °C	0.738"	CL46	288-pin
DDR5-4800 VLP	PC5-38400	16GB-32GB	1.1V	0 °C ~85 °C	0.738"	CL40	288-pin
DDR4-3200 VLP	PC4-25600	4GB-32GB	1.2V	0 °C ~85 °C	0.738"	CL22	288-pin
DDR4-2933 VLP	PC4-23400	4GB-32GB	1.2V	0 °C ~85 °C	0.738"	CL21	288-pin
DDR4-2666VLP	PC4-21300	4GB-32GB	1.2V	0 °C ~85 °C	0.738"	CL19	288-pin
DDR4-2400VLP	PC4-19200	4GB-32GB	1.2V	0 °C ~85 °C	0.738"	CL17	288-pin
DDR4-2133VLP	PC4-17000	4GB-32GB	1.2V	0 °C ~85 °C	0.738"	CL15	288-pin
DDR3-1600VLP	PC3-12800	2GB-8GB	1.35V/1.5V	0 °C ~85 °C	0.738"	CL11	240-pin
DDR3-1333VLP	PC3-10600	2GB-8GB	1.35V/1.5V	0 °C ~85 °C	0.738"	CL9	240-pin
DDR3-1066VLP	PC3-8500	2GB-8GB	1.35V/1.5V	0 °C ~85 °C	0.738"	CL7	240-pin

SSD Product Line

FIPSTCG SSD

SV240 Series

December 2022

MO-297

MO-300

M.2 2280

2.5"

- Capacity: 2.5"-3D TLC 240GB-1920GB, M.2 2280-3D TLC 240GB-1920GB, MO-300-3D TLC 240GB-1920GB, MO-297-3D TLC 240GB-960GB
- Interface: SATA 3.2 (6Gb/s)
- FIPS 140-2 Level 2 certified: certificate number #4386
- Supports TCG Opal 2.0 / AES 256-bit Encryption
- Supports Wide Temperature
- Supports SMART Read Refresh™
- S.M.A.R.T. function supported

Certificate #4386

PCIe SSD

BGA SSD & M.2

1620

2230

2242

2280

- Connector/Form Factor: 2230/2242/2280-M.2 (NGFF) connector, 1620-PCIe BGA SSD
- Capacity: 2230-3D TLC Double side: 60GB-480GB, 2242-3D TLC Single side: 60GB, Double side: 60GB-960GB, 2280-3D TLC Single side: 120GB, Double side: 240GB- 8192GB, 1620 3D TLC 60GB - 960GB
- Interface: 2230/2242-Compliant with PCIe Gen3 x 2 and Gen4 x 4 interfaces, 2242/2280-Compliant with PCIe Gen3 x 4 and Gen4 x 4 interfaces, 1620-Compliant with PCIe Gen3 x4 and Gen4 x4 interface
- 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 (M280 8192GB Standard Temperature only)
- Supports Anti-Sulfuration (PV220-M280 only)
- Support SLC-liteX Technology (PH930-M280, PH250-M280, PH250-M242, PH150-uSSD only)
- Supports CorePower PV25P-M280, PV25P-M242

UDM

USB Disk Module

SLC/MLC

SLC/MLC

TLC

TLC

- Capacity: SLC 128MB-32GB, MLC 8GB-128GB, 3D TLC 128GB-256GB, SLC-liteX 32GB-64GB
- Compliant with standard USB specifications
- Supports Linux/Win7/Win10
- 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)

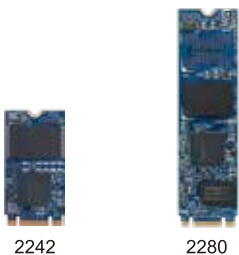
Industrial microSD SD

Industrial microSD & SD Card



- Capacity: SD Card-SLC 256MB-32GB, MLC 8GB-128GB, 3D TLC 32GB-256GB, microSD Card-SLC 256MB-8GB, MLC 8GB-64GB, 3D TLC 32GB-256GB
- Compliant with SD2.0/ SD3.0 specifications
- Supports SD and SPI modes
- Global Wear Leveling and flash block management
- Low power consumption
- Read disturb management
- Smart Read Refresh™
- Support SLC-liteX Technology (optional)
- Supports Wide Temperature
- S.M.A.R.T. function supported
- Intelligent power failure recovery
- FTL: Page Mapping (optional)

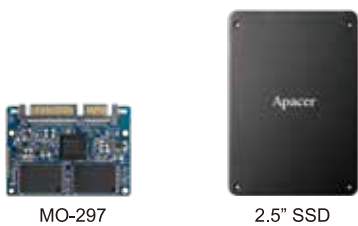
SATA M.2 (NGFF)



- Capacity: 2242-SLC 1GB-64GB, MLC 8GB-256GB, 3D TLC 30GB-1024GB, 2280-SLC 16GB-128GB, MLC 32GB-1TB, 3D TLC 30GB-2048GB
- SATA 3 (6 Gbit/s) interface
- M.2 (NGFF) connector
- 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)
- Supports End-to-End Data Protection*
- Supports Over-Provisioning Technology*
- Supports TCG Opal (optional)
- Supports Thermal Throttling (optional)
- Hyper Cache Technology available*
- DataDefender™*
- Supports SLC-liteX Technology (optional)
- Instant Keychange™ (optional)
- Supports CorePower (SV24P-M280, SV25P-M242 only)
- Supports Anti-Sulfuration (SV250-M280, SH250-M280 only)
- Supports CoreSnapshot 2 Technology (SV25C-M280, SV25C-M242 only)

SFD

SATA Flash Drive



- Capacity: SLC 8GB-512GB, MLC 32GB-2TB, 3D TLC 30GB-16384GB (2.5")
- SATA 3 (6 Gbit/s) interface
- Global Wear Leveling and flash block management
- Built-in ATA Secure Erase, CoreSecurity, and S.M.A.R.T. functions
- Built-in thermal sensor
- Supports DEVSLP
- Supports Wide Temperature (2.5" 16384GB Standard Temperature only)
- TRIM and NCQ commands available
- Hyper Cache Technology available*
- Supports Over-Provisioning Technology*
- DataDefender™ *
- Instant Keychange™ (optional)
- DataRAID™ *
- Supports TCG Opal (optional)
- Supports CorePower (SV24P-25 only)
- Supports End-to-End Data Protection*
- Supports CoreSnapshot 2 Technology (SV25C-25 only)
- Supports SLC-liteX Technology (optional)

PCIe CFexpress Card & U.2



- Form Factor: CFexpress-Compliant with CFexpress 2.0 Type B
- Capacity: CFexpress-3D TLC 60GB-960GB, 2.5"-3D TLC 960GB-16384GB
- Interface: CFexpress-Compliant with NVMe 1.3 and PCIe Gen3 x2 interface, U.2-Compliant with PCIe Gen3 x4 and Gen4 x 4 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 (U.2 16384GB Standard Temperature only)
- Hyper Cache Technology (CFexpress only)
- Write Protect Switch (optional, CFexpress only)
- Supports CorePower (PV25P-CFX only)

μSSD BGA SSD



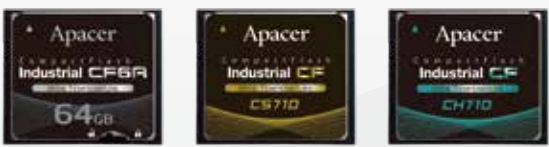
- Capacity: 3D TLC 60GB-240GB
- Compliant with MO-276 standard (16 x 20 x 1.4 mm)
- SoC (System on Chip) / SiP (System in Chip) technology
- Built-in S.M.A.R.T. function
- Supports DEVSLP and Wide Temperature
- Hyper Cache Technology available
- Supports Over-Provisioning Technology
- Supports Write Protect (optional)
- DataRAID™
- TRIM command available

USB Drive



- Capacity: SLC 256MB-32GB, MLC 8GB-128GB, 3D TLC 128GB-256GB, SLC-liteX 32GB-64GB
- Compliant with USB3.2 Gen1 Type-C (UV110-UFD7) 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 (UT110-UFD2 64GB only)
- Lock switch design for write-protection (UH110-UFD4: 4GB-8GB with SLC-liteX)
- ESD Prevention: Air discharge ±15KV (UV110-UFD5)

Industrial CF 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)
- Power saving implemented
- Support SLC-lite Technology (Industrial CF6A-SL only)
- Support SLC-liteX Technology (CH710-CF only)
- Write Protect Switch (optional)

CFast CFast Card



- Capacity: SLC 2GB-64GB, MLC 8GB-256GB, 3D TLC 30GB-960GB, 3D SLC-liteX 10GB-320GB
- 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)

mSATA



- Capacity: MO-300-SLC 2GB-128GB, MLC 8GB-512GB, 3D TLC 30GB-2048GB, MO-300B-SLC 1GB-32GB, MLC 8GB-256GB, TLC 30GB-960GB
- Global Wear Leveling and flash 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
- Supports CorePower (SV25P-300 only)
- 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)
- Supports SLC-liteX Technology (optional)

SDM SATA Disk Module



- Capacity: 7pin-SLC 1GB-32GB, MLC 8GB-256GB, 3D TLC 30GB-480GB, 22pin-SLC 8GB-32GB, MLC 8GB-64GB
- 7pin/22pin connector
- Global Wear Leveling and flash 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

* 3D NAND Solutions Only