



INDUSTRIAL

MEDICAL

AUTOMOTIVE



PRODUCT CATALOGUE

Industrial NAND Flash Storage & Memory Manufacturer

About Us

FLEXXON designs, manufactures and markets Industrial NAND Flash Storage Solutions products, serving specifically the INDUSTRIAL, MEDICAL & AUTOMOTIVE (IMA) applications and customers worldwide, who demand the very highest level of reliability, endurance and wide operating temperature ranges.

Flexxon Flash-based Storage product range:

- ✓ SSD – SATA , PATA , PCIe
- ✓ SD Card / Micro SD card
- ✓ Compact Flash Card
- ✓ USB Flash Drive
- ✓ NAND Flash Modules
- ✓ eMMC
- ✓ Drive with variety of interfaces support
- ✓ Special capacity and customized features according to customer requirement

Quality and Product Reliability Assurance

Full Product Qualification Test from Component, System to Production
Full Reliability Test includes Mechanical Test, Environmental Test, Packaging Test, Printing Test, etc

QUALITY

RELIABILITY

EXPERTISE

COMMITMENT



Industrial Application

FLEXXON Industrial-Grade Products designed for industrial customers meet extreme reliability and endurance requirements. In particular, Flexxon's industrial products have undergone strict qualification testing to guarantee product reliability and longevity.

Automotive



ATM Machine



POS Machine



Medical



Musical Instrument



Test & Measurement



Payment Terminal



Vending Machine



Surveillance



Handheld Devices



Gaming



Embedded System



Solution Printer



Military



Digital Signage



Rugged Computer



Product Features

Industrial Grade

Industrial Grade	Temperature
Diamond	-40°C ~ +85°C
Gold	-25°C ~ +85°C
Silver	0°C ~ 70°C



Advance Product Functions

Advanced Flash Management	Static and Dynamic Wear Leveling
Advanced Self - Defense Mechanism	Bad Block Management
Low Power Management	ECC
Flushing Mechanism for Power Loss Protection	TRIM
SSD Lifetime Management	SMART
	Over-Provision
	Firmware Update

Customization Services

- | | |
|---|---|
| <ul style="list-style-type: none"> ✓ F.W Customization to meet full compatibility of different customer platform requirement ✓ PCB re-layout design to meet different requirement ✓ Pre-loaded Content ✓ Label Printing | <ul style="list-style-type: none"> ✓ Packaging ✓ Product ID / Parameters..etc ✓ Laser Etching ✓ Format Load |
|---|---|



SSD Series

SSD Product Overview

SSD Series	Form Factor	Capacity			MAX Read/Write (MB/s)		
		MLC	pSLC	SLC	MLC	pSLC	SLC
PREMIER SATA3	2.5" SSD	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 64GB	470/ 175	500/ 180	500/ 140
	Half Slim	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 64GB	470/ 175	500/ 180	500/ 140
	mSATA	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 64GB	490/ 180	525/ 190	500/ 140
	mSATA mini	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 64GB	430/ 175	520/ 180	510/ 150
	M.2 2242	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 64GB	430/ 175	520/ 180	510/ 150
	M.2 2260	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 64GB	430/ 175	520/ 180	520/ 150
	M.2 2280	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 128GB	470/ 175	530/ 195	520/ 150
	CFast	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 64GB	500/ 180	520/ 180	510/ 150
	SATA DOM	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 64GB	430/ 175	520/ 180	510/ 150
	uSSD	8GB ~ 128GB	4GB ~ 64GB	-	500/ 175	510/ 180	-
ACHIEVER SATA3	2.5" SSD	30GB ~ 1TB	-	30GB ~ 120GB	550/ 450	-	520/ 420
	Half Slim	32GB ~ 256GB	-	-	550/ 290	-	-
	mSATA	32GB ~ 256GB	-	-	550/ 290	-	-
ELITE SATA3	2.5" SSD	64GB ~ 2TB	32GB ~ 1TB	32GB ~ 256GB	550/ 530	550/ 530	550/ 530
	M.2 2280	64GB ~ 1TB	32GB ~ 512GB	32GB ~ 128GB	540/ 520	550/ 510	530/ 490
	mSATA	64GB ~ 1TB	32GB ~ 512GB	32GB ~ 128GB	540/ 520	550/ 510	530/ 490
	Half Slim	64GB ~ 1TB	32GB ~ 512GB	32GB ~ 128GB	540/ 520	550/ 510	530/ 490
VALUE SATA2	2.5" SSD	8GB ~ 128GB	-	2GB ~ 64GB	220/ 130	-	230/ 200
	Half Slim	8GB ~ 128GB	-	2GB ~ 64GB	220/ 130	-	230/ 200
	mSATA	8GB ~ 128GB	-	2GB ~ 64GB	220/ 130	-	230/ 200
	SATA DOM	4GB ~ 64GB	-	512MB ~ 32GB	175/ 85	-	175/ 85
LEGACY PATA	2.5" PATA	4GB ~ 512GB	2GB ~ 256GB	1GB ~ 256GB	80/ 70	70/ 60	55/ 50
	1.8" PATA	4GB ~ 256GB	2GB ~ 128GB	1GB ~ 128GB	80/ 70	70/ 60	80/ 90
	CF card	4GB ~ 128GB	2GB ~ 64GB	128MB ~ 64GB	68/ 72	80/ 70	120/ 100
	PATA DOM	4GB ~ 128GB	2GB ~ 64GB	4GB ~ 64GB	80/ 60	70/ 60	80/ 90
SONIC PCIe	2.5" SSD	240GB ~ 2TB	-	-	2500/ 1200	-	-
	M.2 2280	120GB ~ 480GB	-	-	2500/ 1350	-	-
	M.2 22110	240GB ~ 1TB	-	-	2500/ 1200	-	-
	AIC	240GB ~ 2TB	-	-	2500/ 1200	-	-

SSD Series

Comparison of SATA SSD Series

SATA Series	PREMIER	ACHIEVER	ELITE	VALUE
Interface	SATA III	SATA III	SATA III	SATA II
Feature	Standard Performance & Decent Cost & Low Density; Perfect for cache SSD/ modules	High Speed & High Density; Suitable for main storage applications	Ultimate Performance & High Density; Best for enterprise applications	Low Cost & Low Density; Suitable for module and embedded system
No of Channels	4	4	8 & 4	4
Grade	Industrial (Silver & Diamond)	Industrial (Silver & Ruby)	Industrial (Silver & Diamond)	Industrial (Silver & Diamond)
Max. Performance	Read: 530 MB/s	Read: 550 MB/s	Read: 550 MB/s	Read: 230 MB/s
	Write: 195 MB/s	Write: 450 MB/s	Write: 530 MB/s	Write: 200 MB/s



PREMIER Industrial 2.5" SATA III SSD



Product Features

- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	2.5"		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 64GB	MLC: 4GB ~ 256GB	pSLC: 2GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 500MB/s		Write: 180MB/s
Operating Voltage	5V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	100.00mm(L) x 69.85mm(W) x 7.00mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number		Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade			Silver Grade	Diamond Grade
MLC	4GB	FSSN004GTTS7-S93-10	FSSN004GTTE7-S93-10	SLC	1GB	FSSN001GTSS1-S93-10	FSSN001GTSE1-S93-10
	8GB	FSSN008GTTS7-S93-20	FSSN008GTTE7-S93-20		2GB	FSSN002GTSS1-S93-20	FSSN002GTSE1-S93-20
	16GB	FSSN016GTTS7-S93-40	FSSN016GTTE7-S93-40		4GB	FSSN004GTSS1-S93-40	FSSN004GTSE1-S93-40
	32GB	FSSN032GTTS7-S93-40	FSSN032GTTE7-S93-40		8GB	FSSN008GTSS1-S93-40	FSSN008GTSE1-S93-40
	64GB	FSSN064GTTS7-S93-40	FSSN064GTTE7-S93-40		16GB	FSSN016GTSS2-S93-40	FSSN016GTSE2-S93-40
	128GB	FSSN128GTTS7-S93-40	FSSN128GTTE7-S93-40		32GB	FSSN032GTSS2-S93-40	FSSN032GTSE2-S93-40
	256GB	FSSN256GTTS7-S93-40	FSSN256GTTE7-S93-40		64GB	FSSN064GTSS2-S93-40	FSSN064GTSE2-S93-40
pSLC	2GB	FSSN002GTTS7-S93-13	FSSN002GTTE7-S93-13				
	4GB	FSSN004GTTS7-S93-23	FSSN004GTTE7-S93-23				
	8GB	FSSN008GTTS7-S93-43	FSSN008GTTE7-S93-43				
	16GB	FSSN016GTTS7-S93-43	FSSN016GTTE7-S93-43				
	32GB	FSSN032GTTS7-S93-43	FSSN032GTTE7-S93-43				
	64GB	FSSN064GTTS7-S93-43	FSSN064GTTE7-S93-43				
	128GB	FSSN128GTTS7-S93-43	FSSN128GTTE7-S93-43				

PREMIER Industrial Half Slim SATA III SSD



Product Features

- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	Half Slim MO-297		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 64GB	MLC: 4GB ~ 256GB	pSLC: 2GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 500MB/s		Write: 180MB/s
Operating Voltage	5V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	54mm(L) x 39mm(W) x 4mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	4GB	FSSD004GTTS7-S93-10	FSSD004GTTE7-S93-10
	8GB	FSSD008GTTS7-S93-20	FSSD008GTTE7-S93-20
	16GB	FSSD016GTTS7-S93-40	FSSD016GTTE7-S93-40
	32GB	FSSD032GTTS7-S93-40	FSSD032GTTE7-S93-40
	64GB	FSSD064GTTS7-S93-40	FSSD064GTTE7-S93-40
	128GB	FSSD128GTTS7-S93-40	FSSD128GTTE7-S93-40
	256GB	FSSD256GTTS7-S93-40	FSSD256GTTE7-S93-40
pSLC	2GB	FSSD002GTTS7-S93-13	FSSD002GTTE7-S93-13
	4GB	FSSD004GTTS7-S93-23	FSSD004GTTE7-S93-23
	8GB	FSSD008GTTS7-S93-43	FSSD008GTTE7-S93-43
	16GB	FSSD016GTTS7-S93-43	FSSD016GTTE7-S93-43
	32GB	FSSD032GTTS7-S93-43	FSSD032GTTE7-S93-43
	64GB	FSSD064GTTS7-S93-43	FSSD064GTTE7-S93-43
	128GB	FSSD128GTTS7-S93-43	FSSD128GTTE7-S93-43

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
SLC	1GB	FSSD001GTSS1-S93-10	FSSD001GTSE1-S93-10
	2GB	FSSD002GTSS1-S93-20	FSSD002GTSE1-S93-20
	4GB	FSSD004GTSS1-S93-40	FSSD004GTSE1-S93-40
	8GB	FSSD008GTSS1-S93-40	FSSD008GTSE1-S93-40
	16GB	FSSD016GTSS2-S93-40	FSSD016GTSE2-S93-40
	32GB	FSSD032GTSS2-S93-40	FSSD032GTSE2-S93-40
	64GB	FSSD064GTSS2-S93-40	FSSD064GTSE2-S93-40

PREMIER Industrial mSATA SATA III SSD



Product Features

- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	mSATA MO-300A		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 64GB	MLC: 4GB ~ 256GB	pSLC: 2GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 525MB/s		Write: 190MB/s
Operating Voltage	3.3V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	50.8mm(L) x 29.85mm(W) x 4mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number		Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade			Silver Grade	Diamond Grade
MLC	4GB	FSSE004GTTS7-S93-10	FSSE004GTTE7-S93-10	SLC	1GB	FSSE001GTSS1-S93-10	FSSE001GTSE1-S93-10
	8GB	FSSE008GTTS7-S93-20	FSSE008GTTE7-S93-20		2GB	FSSE002GTSS1-S93-20	FSSE002GTSE1-S93-20
	16GB	FSSE016GTTS7-S93-40	FSSE016GTTE7-S93-40		4GB	FSSE004GTSS1-S93-40	FSSE004GTSE1-S93-40
	32GB	FSSE032GTTS7-S93-40	FSSE032GTTE7-S93-40		8GB	FSSE008GTSS1-S93-40	FSSE008GTSE1-S93-40
	64GB	FSSE064GTTS7-S93-40	FSSE064GTTE7-S93-40		16GB	FSSE016GTSS2-S93-40	FSSE016GTSE2-S93-40
	128GB	FSSE128GTTS7-S93-40	FSSE128GTTE7-S93-40		32GB	FSSE032GTSS2-S93-40	FSSE032GTSE2-S93-40
	256GB	FSSE256GTTS7-S93-40	FSSE256GTTE7-S93-40		64GB	FSSE064GTSS2-S93-40	FSSE064GTSE2-S93-40
pSLC	2GB	FSSE002GTTS7-S93-13	FSSE002GTTE7-S93-13				
	4GB	FSSE004GTTS7-S93-23	FSSE004GTTE7-S93-23				
	8GB	FSSE008GTTS7-S93-43	FSSE008GTTE7-S93-43				
	16GB	FSSE016GTTS7-S93-43	FSSE016GTTE7-S93-43				
	32GB	FSSE032GTTS7-S93-43	FSSE032GTTE7-S93-43				
	64GB	FSSE064GTTS7-S93-43	FSSE064GTTE7-S93-43				
	128GB	FSSE128GTTS7-S93-43	FSSE128GTTE7-S93-43				

PREMIER Industrial mSATA mini SATA III SSD



Product Features

- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	mSATA MO-300B		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 64GB	MLC: 4GB ~ 256GB	pSLC: 2GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 520MB/s		Write: 180MB/s
Operating Voltage	3.3V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	26.88mm(L) x 29.85mm(W) x 4mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number		Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade			Silver Grade	Diamond Grade
MLC	4GB	FSSG004GTTS7-S93-10	FSSG004GTTE7-S93-10	SLC	1GB	FSSG001GTSS1-S93-10	FSSG001GTSE1-S93-10
	8GB	FSSG008GTTS7-S93-20	FSSG008GTTE7-S93-20		2GB	FSSG002GTSS1-S93-20	FSSG002GTSE1-S93-20
	16GB	FSSG016GTTS7-S93-20	FSSG016GTTE7-S93-20		4GB	FSSG004GTSS1-S93-20	FSSG004GTSE1-S93-20
	32GB	FSSG032GTTS7-S93-20	FSSG032GTTE7-S93-20		8GB	FSSG008GTSS2-S93-20	FSSG008GTSE2-S93-20
	64GB	FSSG064GTTS7-S93-20	FSSG064GTTE7-S93-20		16GB	FSSG016GTSS2-S93-20	FSSG016GTSE2-S93-20
	128GB	FSSG128GTTS7-S93-20	FSSG128GTTE7-S93-20		32GB	FSSG032GTSS2-S93-20	FSSG032GTSE2-S93-20
	256GB	FSSG256GTTS7-S93-20	FSSG256GTTE7-S93-20		64GB	FSSG064GTQS2-S93-20	FSSG064GTQE2-S93-20
pSLC	2GB	FSSG002GTTS7-S93-13	FSSG002GTTE7-S93-13				
	4GB	FSSG004GTTS7-S93-23	FSSG004GTTE7-S93-23				
	8GB	FSSG008GTTS7-S93-23	FSSG008GTTE7-S93-23				
	16GB	FSSG016GTTS7-S93-13	FSSG016GTTE7-S93-13				
	32GB	FSSG032GTTS7-S93-23	FSSG032GTTE7-S93-23				
	64GB	FSSG064GTTS7-S93-23	FSSG064GTTE7-S93-23				
	128GB	FSSG128GTTS7-S93-23	FSSG128GTTE7-S93-23				

PREMIER Industrial M.2 SATA III SSD



Product Features

- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	M.2 2242 (N-Module 27)	M.2 2260 (N-Module 67)	M.2 2280 (N-Module 89)
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 128GB	MLC: 4GB ~ 256GB	pSLC: 2GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 530MB/s		Write: 195MB/s
Operating Voltage	3.3V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	M.2 2242: 42mm(L) x 22mm(W) x 3.75mm(H)		
	M.2 2260: 60mm(L) x 22mm(W) x 3.75mm(H)		
	M.2 2280: 80mm(L) x 22mm(W) x 3.9mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number (M.2 2242)	
		Silver Grade	Diamond Grade
MLC	4GB	FSSL004GTTS7-S93-10	FSSL004GTTE7-S93-10
	8GB	FSSL008GTTS7-S93-20	FSSL008GTTE7-S93-20
	16GB	FSSL016GTTS7-S93-20	FSSL016GTTE7-S93-20
	32GB	FSSL032GTTS7-S93-20	FSSL032GTTE7-S93-20
	64GB	FSSL064GTTS7-S93-20	FSSL064GTTE7-S93-20
	128GB	FSSL128GTTS7-S93-20	FSSL128GTTE7-S93-20
	256GB	FSSL256GTTS7-S93-20	FSSL256GTTE7-S93-20
pSLC	2GB	FSSL002GTTS7-S93-13	FSSL002GTTE7-S93-13
	4GB	FSSL004GTTS7-S93-23	FSSL004GTTE7-S93-23
	8GB	FSSL008GTTS7-S93-23	FSSL008GTTE7-S93-23
	16GB	FSSL016GTTS7-S93-13	FSSL016GTTE7-S93-13
	32GB	FSSL032GTTS7-S93-23	FSSL032GTTE7-S93-23
	64GB	FSSL064GTTS7-S93-23	FSSL064GTTE7-S93-23
	128GB	FSSL128GTTS7-S93-23	FSSL128GTTE7-S93-23

Flash	Capacity	Part Number (M.2 2242)	
		Silver Grade	Diamond Grade
SLC	1GB	FSSL001GTSS1-S93-10	FSSL001GTSE1-S93-10
	2GB	FSSL002GTSS1-S93-20	FSSL002GTSE1-S93-20
	4GB	FSSL004GTSS1-S93-20	FSSL004GTSE1-S93-20
	8GB	FSSL008GTSS2-S93-20	FSSL008GTSE2-S93-20
	16GB	FSSL016GTSS2-S93-20	FSSL016GTSE2-S93-20
	32GB	FSSL032GTSS2-S93-20	FSSL032GTSE2-S93-20
	64GB	FSSL064GTQS2-S93-20	FSSL064GTQE2-S93-20

PREMIER Industrial M.2 SATA III SSD



Ordering Information

Flash	Capacity	Part Number (M.2 2260)	
		Silver Grade	Diamond Grade
MLC	4GB	FSSM004GTTS7-S93-10	FSSM004GTTE7-S93-10
	8GB	FSSM008GTTS7-S93-20	FSSM008GTTE7-S93-20
	16GB	FSSM016GTTS7-S93-40	FSSM016GTTE7-S93-40
	32GB	FSSM032GTTS7-S93-40	FSSM032GTTE7-S93-40
	64GB	FSSM064GTTS7-S93-40	FSSM064GTTE7-S93-40
	128GB	FSSM128GTTS7-S93-20	FSSM128GTTE7-S93-20
	256GB	FSSM256GTTS7-S93-20	FSSM256GTTE7-S93-20
pSLC	2GB	FSSM002GTTS7-S93-13	FSSM002GTTE7-S93-13
	4GB	FSSM004GTTS7-S93-23	FSSM004GTTE7-S93-23
	8GB	FSSM008GTTS7-S93-23	FSSM008GTTE7-S93-23
	16GB	FSSM016GTTS7-S93-13	FSSM016GTTE7-S93-13
	32GB	FSSM032GTTS7-S93-23	FSSM032GTTE7-S93-23
	64GB	FSSM064GTTS7-S93-23	FSSM064GTTE7-S93-23
	128GB	FSSM128GTTS7-S93-23	FSSM128GTTE7-S93-23
SLC	1GB	FSSM001GTSS1-S93-10	FSSM001GTSE1-S93-10
	2GB	FSSM002GTSS1-S93-20	FSSM002GTSE1-S93-20
	4GB	FSSM004GTSS1-S93-40	FSSM004GTSE1-S93-40
	8GB	FSSM008GTSS1-S93-40	FSSM008GTSE1-S93-40
	16GB	FSSM016GTSS2-S93-40	FSSM016GTSE2-S93-40
	32GB	FSSM032GTSS2-S93-40	FSSM032GTSE2-S93-40
	64GB	FSSM064GTSS2-S93-40	FSSM064GTSE2-S93-40

Ordering Information

Flash	Capacity	Part Number (M.2 2280)	
		Silver Grade	Diamond Grade
MLC	4GB	FSSO004GTTS7-S93-10	FSSO004GTTE7-S93-10
	8GB	FSSO008GTTS7-S93-20	FSSO008GTTE7-S93-20
	16GB	FSSO016GTTS7-S93-40	FSSO016GTTE7-S93-40
	32GB	FSSO032GTTS7-S93-40	FSSO032GTTE7-S93-40
	64GB	FSSO064GTTS7-S93-40	FSSO064GTTE7-S93-40
	128GB	FSSO128GTTS7-S93-40	FSSO128GTTE7-S93-40
	256GB	FSSO256GTTS7-S93-40	FSSO256GTTE7-S93-40
pSLC	2GB	FSSO002GTTS7-S93-13	FSSO002GTTE7-S93-13
	4GB	FSSO004GTTS7-S93-23	FSSO004GTTE7-S93-23
	8GB	FSSO008GTTS7-S93-43	FSSO008GTTE7-S93-43
	16GB	FSSO016GTTS7-S93-43	FSSO016GTTE7-S93-43
	32GB	FSSO032GTTS7-S93-43	FSSO032GTTE7-S93-43
	64GB	FSSO064GTTS7-S93-43	FSSO064GTTE7-S93-43
	128GB	FSSO128GTTS7-S93-43	FSSO128GTTE7-S93-43
SLC	1GB	FSSO001GTSS1-S93-10	FSSO001GTSE1-S93-10
	2GB	FSSO002GTSS1-S93-20	FSSO002GTSE1-S93-20
	4GB	FSSO004GTSS1-S93-40	FSSO004GTSE1-S93-40
	8GB	FSSO008GTSS1-S93-40	FSSO008GTSE1-S93-40
	16GB	FSSO016GTSS2-S93-40	FSSO016GTSE2-S93-40
	32GB	FSSO032GTSS2-S93-40	FSSO032GTSE2-S93-40
	64GB	FSSO064GTSS2-S93-40	FSSO064GTSE2-S93-40
	128GB	FSSO128GTQS2-S93-40	FSSO128GTQE2-S93-40

PREMIER Industrial CFast Card



Product Features

- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	CFast		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 64GB	MLC: 4GB ~ 256GB	pSLC: 2GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 520MB/s		Write: 180MB/s
Operating Voltage	3.3V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	36.4mm(L) x 42.8mm(W) x 3.3mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number		Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade			Silver Grade	Diamond Grade
MLC	4GB	FSSF004GTTS7-S93-10	FSSF004GTTE7-S93-10	SLC	1GB	FSSF001GTSS1-S93-10	FSSF001GTSE1-S93-10
	8GB	FSSF008GTTS7-S93-10	FSSF008GTTE7-S93-10		2GB	FSSF002GTSS1-S93-20	FSSF002GTSE1-S93-20
	16GB	FSSF016GTTS7-S93-20	FSSF016GTTE7-S93-20		4GB	FSSF004GTSS1-S93-20	FSSF004GTSE1-S93-20
	32GB	FSSF032GTTS7-S93-20	FSSF032GTTE7-S93-20		8GB	FSSF008GTQS2-S93-10	FSSF008GTQE2-S93-10
	64GB	FSSF064GTTS7-S93-20	FSSF064GTTE7-S93-20		16GB	FSSF016GTQS2-S93-20	FSSF016GTQE2-S93-20
	128GB	FSSF128GTTS7-S93-20	FSSF128GTTE7-S93-20		32GB	FSSF032GTQS2-S93-20	FSSF032GTQE2-S93-20
	256GB	FSSF256GTTS7-S93-20	FSSF256GTTE7-S93-20		64GB	FSSF064GTQS2-S93-20	FSSF064GTQE2-S93-20
pSLC	2GB	FSSF002GTTS7-S93-13	FSSF002GTTE7-S93-13				
	4GB	FSSF004GTTS7-S93-13	FSSF004GTTE7-S93-13				
	8GB	FSSF008GTTS7-S93-23	FSSF008GTTE7-S93-23				
	16GB	FSSF016GTTS7-S93-13	FSSF016GTTE7-S93-13				
	32GB	FSSF032GTTS7-S93-23	FSSF032GTTE7-S93-23				
	64GB	FSSF064GTTS7-S93-23	FSSF064GTTE7-S93-23				
	128GB	FSSF128GTTS7-S93-23	FSSF128GTTE7-S93-23				

PREMIER Industrial SATA FLASH MODULE (DOM)



Product Features

- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

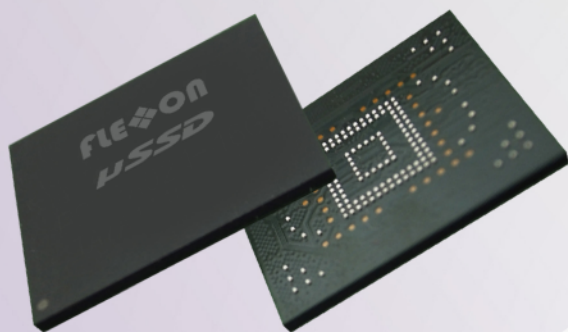
Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	SATA Flash Module (7-pin)		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 64GB	MLC: 4GB ~ 256GB	pSLC: 2GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 520MB/s		Write: 180MB/s
Operating Voltage	5V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	44.70mm(L) x 22.20mm(W) x 1.0mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number		Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade			Silver Grade	Diamond Grade
MLC	4GB	FSS*004GTTS7-S93-10	FSS*004GTTE7-S93-10	SLC	1GB	FSS*001GTSS1-S93-10	FSS*001GTSE1-S93-10
	8GB	FSS*008GTTS7-S93-10	FSS*008GTTE7-S93-10		2GB	FSS*002GTSS1-S93-20	FSS*002GTSE1-S93-20
	16GB	FSS*016GTTS7-S93-20	FSS*016GTTE7-S93-20		4GB	FSS*004GTSS1-S93-20	FSS*004GTSE1-S93-20
	32GB	FSS*032GTTS7-S93-20	FSS*032GTTE7-S93-20		8GB	FSS*008GTSS2-S93-20	FSS*008GTSE2-S93-20
	64GB	FSS*064GTTS7-S93-20	FSS*064GTTE7-S93-20		16GB	FSS*016GTQS2-S93-20	FSS*016GTQE2-S93-20
	128GB	FSS*128GTTS7-S93-20	FSS*128GTTE7-S93-20		32GB	FSS*032GTQS2-S93-20	FSS*032GTQE2-S93-20
	256GB	FSS*256GTTS7-S93-20	FSS*256GTTE7-S93-20		64GB	FSS*064GTQS2-S93-20	FSS*064GTQE2-S93-20
pSLC	2GB	FSS*002GTTS7-S93-13	FSS*002GTTE7-S93-13	Note: * = H//J H: TYPE 1 I : TYPE 2 J : TYPE 3			
	4GB	FSS*004GTTS7-S93-13	FSS*004GTTE7-S93-13				
	8GB	FSS*008GTTS7-S93-23	FSS*008GTTE7-S93-23				
	16GB	FSS*016GTTS7-S93-13	FSS*016GTTE7-S93-13				
	32GB	FSS*032GTTS7-S93-23	FSS*032GTTE7-S93-23				
	64GB	FSS*064GTTS7-S93-23	FSS*064GTTE7-S93-23				
	128GB	FSS*128GTTS7-S93-23	FSS*128GTTE7-S93-23				

PREMIER Industrial uSSD



Product Features

- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ BGA Form Factor
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)	
Form Factor	MO-276	
Flash Type	MLC	pSLC
Capacity	MLC: 8GB ~ 128GB	pSLC: 4GB ~ 64GB
Max. Performance (Vary by flash & density)	Read: 510MB/s	Write: 180MB/s
Operating Voltage	3.3V/1.8V/1.2V	
Operating Temp.	Gold Grade: -25 ~ 85°C	Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C	
Humidity	0% ~ 95%	
Dimensions	16mm(L) x 20mm(W) x 1.4mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number	
		Gold Grade	Diamond Grade
MLC	8GB	FSSK008GTTG7-S93-10	FSSK008GTTE7-S93-10
	16GB	FSSK016GTTG7-S93-10	FSSK016GTTE7-S93-10
	32GB	FSSK032GTTG7-S93-20	FSSK032GTTE7-S93-20
	64GB	FSSK064GTTG7-S93-40	FSSK064GTTE7-S93-40
	128GB	FSSK128GTTG7-S93-80	FSSK128GTTE7-S93-80
pSLC	4GB	FSSK004GTTG7-S93-13	FSSK004GTTE7-S93-13
	8GB	FSSK008GTTG7-S93-13	FSSK008GTTE7-S93-13
	16GB	FSSK016GTTG7-S93-23	FSSK016GTTE7-S93-23
	32GB	FSSK032GTTG7-S93-43	FSSK032GTTE7-S93-43
	64GB	FSSK064GTTG7-S93-83	FSSK064GTTE7-S93-83

ACHIEVER Industrial 2.5" SATA III SSD



Product Features

- ✓ High Performance
- ✓ Support high capacity
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)	
Form Factor	2.5"	
Flash Type	MLC	SLC
Capacity	MLC: 30GB ~ 1TB	SLC: 30GB ~ 120GB
Max. Performance (Vary by flash & density)	Read: 550MB/s	Write: 450MB/s
Operating Voltage	5V	
Operating Temp.	Silver Grade: 0 ~ 70°C	Ruby Grade: -20 ~ 75°C
Storage Temp.	-40 ~ +85°C	
Humidity	0% ~ 95%	
Shock	1500G/0.5ms	
Vibration	80~2000Hz/20G	
Dimensions	100.00mm(L) x 69.85mm(W) x 7.00mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Ruby Grade
MLC	64GB	FSSB064GIFS5-R93-4T	FSSB064GIFR5-R93-4T
	128GB	FSSB128GIFS5-R93-4T	FSSB128GIFR5-R93-4T
	256GB	FSSB256GIFS5-R93-4T	FSSB256GIFR5-R93-4T
	512GB	FSSB512GIFS5-R93-8T	FSSB512GIFR5-R93-8T
SLC	32GB	FSSB032GISSA-R93-4E	FSSB032GISSA-R93-4E
	64GB	FSSB064GISSA-R93-4E	FSSB064GISSA-R93-4E
	128GB	FSSB128GISSA-R93-8E	FSSB128GISSA-R93-8E



ACHIEVER Industrial Half Slim SATA III SSD



Product Features

- ✓ High Performance
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)	
Form Factor	Half Slim MO-297	
Flash Type	MLC	
Capacity	MLC: 32GB ~ 256GB	
Max. Performance (Vary by flash & density)	Read: 550MB/s	Write: 290MB/s
Operating Voltage	5V	
Operating Temp.	Silver Grade: 0 ~ 70°C	Ruby Grade: -20 ~ 75°C
Storage Temp.	-40 ~ +85°C	
Humidity	0% ~ 95%	
Shock	1500G/0.5ms	
Vibration	80~2000Hz/20G	
Dimensions	54mm(L) x 39mm(W) x 4mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Ruby Grade
MLC	64GB	FSSD064GIFS5-R93-4T	FSSD064GIFR5-R93-4T
	128GB	FSSD128GIFS5-R93-4T	FSSD128GIFR5-R93-4T
	256GB	FSSD256GIFS5-R93-4T	FSSD256GIFR5-R93-4T



ACHIEVER Industrial mSATA SATA III SSD



Product Features

- ✓ High Performance
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)	
Form Factor	mSATA MO-300A	
Flash Type	MLC	
Capacity	MLC: 32GB ~ 256GB	
Max. Performance (Vary by flash & density)	Read: 550MB/s	Write: 290MB/s
Operating Voltage	3.3V	
Operating Temp.	Silver Grade: 0 ~ 70°C	Ruby Grade: -20 ~ 75°C
Storage Temp.	-40 ~ +85°C	
Humidity	0% ~ 95%	
Shock	1500G/0.5ms	
Vibration	80~2000Hz/20G	
Dimensions	50.8mm(L) x 29.85mm(W) x 4mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Ruby Grade
MLC	64GB	FSSE064GIFS5-R93-4T	FSSE064GIFR5-R93-4T
	128GB	FSSE128GIFS5-R93-4T	FSSE128GIFR5-R93-4T
	256GB	FSSE256GIFS5-R93-4T	FSSE256GIFR5-R93-4T



ELITE Industrial 2.5" SATA III SSD



Product Features

- ✓ Ultimate Performance & High Density
- ✓ Quad-core CPU Architecture
- ✓ End to End Data Path Protection
- ✓ Best for Enterprise Application
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	2.5		
Flash Type	MLC	pSLC	SLC
Capacity	MLC: 64GB ~ 2TB	pSLC: 32GB ~ 1TB	SLC: 32GB ~ 256GB
Max. Performance (Vary by flash & density)	Read: 550MB/s		Write: 530MB/s
Operating Voltage	5V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	100.00mm(L) x 69.85mm(W) x 7.00mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	64GB	FSSB064GTTS7-SA3-80	FSSB064GTTE7-SA3-80
	128GB	FSSB128GTTS7-SA3-80	FSSB128GTTE7-SA3-80
	256GB	FSSB256GTTS7-SA3-80	FSSB256GTTE7-SA3-80
	512GB	FSSB512GTTS7-SA3-80	FSSB512GTTE7-SA3-80
	1TB	FSSB001TTTS7-SA3-80	FSSB001TTTE7-SA3-80
	2TB	FSSB002TTTS7-SA3-A0	FSSB002TTTE7-SA3-A0
pSLC	32GB	FSSB032GTTS7-SA3-43	FSSB032GTTE7-SA3-43
	64GB	FSSB064GTTS7-SA3-83	FSSB064GTTE7-SA3-83
	128GB	FSSB128GTTS7-SA3-83	FSSB128GTTE7-SA3-83
	256GB	FSSB256GTTS7-SA3-83	FSSB256GTTE7-SA3-83
	512GB	FSSB512GTTS7-SA3-83	FSSB512GTTE7-SA3-83
	1TB	FSSB001TTTS7-SA3-A3	FSSB001TTTE7-SA3-A3

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
SLC	32GB	FSSB032GTQS2-SA3-40	FSSB032GTQE2-SA3-40
	64GB	FSSB064GTQS2-SA3-40	FSSB064GTQE2-SA3-40
	128GB	FSSB128GTQS2-SA3-40	FSSB128GTQE2-SA3-40
	256GB	FSSB256GTQS2-SA3-80	FSSB256GTQE2-SA3-80

ELITE Industrial M.2 2280 SATA III SSD



Product Features

- ✓ Ultimate Performance & High Density
- ✓ Quad-core CPU Architecture
- ✓ End to End Data Path Protection
- ✓ Best for Enterprise Application
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	M.2 2280 (N-Module 89)		
Flash Type	MLC	pSLC	SLC
Capacity	MLC: 64GB ~ 1TB	pSLC: 32GB ~ 512GB	SLC: 32GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 540MB/s		Write: 520MB/s
Operating Voltage	3.3V		
Operating Temp.	Silver Grade: 0 ~ 70°C		
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	M.2 2280: 80mm(L) x 22mm(W) x 3.9mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Silver Grade
MLC	64GB	FSSO064GTTS7-SC3-20
	128GB	FSSO128GTTS7-SC3-40
	256GB	FSSO256GTTS7-SC3-40
	512GB	FSSO512GTTS7-SC3-40
	1TB	FSSO001TTTS7-SC3-40
pSLC	32GB	FSSO032GTTS7-SC3-23
	64GB	FSSO064GTTS7-SC3-43
	128GB	FSSO128GTTS7-SC3-43
	256GB	FSSO256GTTS7-SC3-43
	512GB	FSSO512GTTS7-SC3-43

Flash	Capacity	Silver Grade
SLC	32GB	FSSO032GTSS2-SC3-40
	64GB	FSSO064GTSS2-SC3-40
	128GB	FSSO128GTSS2-SC3-40



ELITE Industrial mSATA SATA III SSD



Product Features

- ✓ Ultimate Performance & High Density
- ✓ Quad-core CPU Architecture
- ✓ End to End Data Path Protection
- ✓ Best for Enterprise Application
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	mSATA MO-300A		
Flash Type	MLC	pSLC	SLC
Capacity	MLC: 64GB ~ 1TB	pSLC: 32GB ~ 512GB	SLC: 32GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 550MB/s		Write: 530MB/s
Operating Voltage	3.3V		
Operating Temp.	Silver Grade: 0 ~ 70°C		
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	50.8mm(L) x 29.85mm(W) x 4mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number (Silver Grade)
MLC	64GB	FSSE064GTTS7-SC3-20
	128GB	FSSE128GTTS7-SC3-40
	256GB	FSSE256GTTS7-SC3-40
	512GB	FSSE512GTTS7-SC3-40
	1TB	FSSE001TTTS7-SC3-40
pSLC	32GB	FSSE032GTTS7-SC3-23
	64GB	FSSE064GTTS7-SC3-43
	128GB	FSSE128GTTS7-SC3-43
	256GB	FSSE256GTTS7-SC3-43
	512GB	FSSE512GTTS7-SC3-43

Flash	Capacity	Part Number (Silver Grade)
SLC	32GB	FSSE032GTSS2-SC3-40
	64GB	FSSE064GTSS2-SC3-40
	128GB	FSSE128GTSS2-SC3-40

ELITE Half Slim SATA III SSD



Product Features

- ✓ Ultimate Performance & High Density
- ✓ Quad-core CPU Architecture
- ✓ End to End Data Path Protection
- ✓ Best for Enterprise Application
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ Backwards Compatible with SATA II (3Gb/s) and SATA I (1.5Gb/s)
- ✓ Low Power Management
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	SATA III 6Gbps (backward compatible to SATA I/II)		
Form Factor	Half Slim MO-297		
Flash Type	MLC	pSLC	SLC
Capacity	MLC: 64GB ~ 1TB	32GB ~ 512GB	SLC: 32GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 540MB/s		Write: 520MB/s
Operating Voltage	5V		
Operating Temp.	0 ~ 70°C		
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	54mm(L) x 39mm(W) x 4mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number
MLC	64GB	FSSD064GTTS7-SC3-20
	128GB	FSSD128GTTS7-SC3-40
	256GB	FSSD256GTTS7-SC3-40
	512GB	FSSD512GTTS7-SC3-40
	1TB	FSSD001TTTS7-SC3-40
pSLC	32GB	FSSD032GTTS7-SC3-23
	64GB	FSSD064GTTS7-SC3-43
	128GB	FSSD128GTTS7-SC3-43
	256GB	FSSD256GTTS7-SC3-43
	512GB	FSSD512GTTS7-SC3-43

Flash	Capacity	Part Number
SLC	32GB	FSSD032GTSS2-SC3-40
	64GB	FSSD064GTSS2-SC3-40
	128GB	FSSD128GTSS2-SC3-40

VALUE Industrial 2.5" SATA II SSD



Product Features

- ✓ High Reliability
- ✓ Noiseless and Stable Installation to System
- ✓ Compliant with Serial ATA Revision 2.6 spec
- ✓ Backwards Compatible with SATA I (1.5Gb/s)
- ✓ Compliant with ATA-7 V3 Specification
- ✓ Advanced Flash Management: Wear Leveling, Bad Block Management, SMART
- ✓ RoHS Compliant

Specifications

Interface	SATA II 3Gbps (backward compatible to SATA I)	
Form Factor	2.5"	
Flash Type	SLC	MLC
Capacity	SLC: 2GB ~ 64GB	MLC: 8GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 230MB/s	Write: 200MB/s
Operating Voltage	5V	
Operating Temp.	Silver Grade: 0 ~ 70°C	Diamond Grade: -40 ~ 85°C
Storage Temp.	-55 ~ +95°C	
Humidity	0% ~ 95%	
Shock	1500G/0.5ms	
Vibration	10~2000Hz/20G	
Dimensions	100.00mm(L) x 69.85mm(W) x 7.00mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	16GB	FSSN016GIFS5-R33-2R	FSSN016GIFE5-R63-2R
	32GB	FSSN032GIFS5-R33-4R	FSSN032GIFE5-R63-4R
	64GB	FSSN064GIFS5-R33-4R	FSSN064GIFE5-R63-4R
	128GB	FSSN128GIFS5-R33-4R	FSSN128GIFE5-R63-4R
SLC	4GB	FSSN004GISSC-R33-2D	FSSN004GISEC-R63-2D
	8GB	FSSN008GISSA-R33-2E	FSSN008GISEA-R63-2E
	16GB	FSSN016GISSA-R33-2E	FSSN016GISEA-R63-2E

VALUE Industrial Half Slim SATA II SSD



Product Features

- ✓ High Reliability
- ✓ Noiseless and Stable Installation to System
- ✓ Compliant with Serial ATA Revision 2.6 spec
- ✓ Backwards Compatible with SATA I (1.5Gb/s)
- ✓ Compliant with ATA-7 V3 Specification
- ✓ Advanced Flash Management: Wear Leveling, Bad Block Management, SMART
- ✓ RoHS Compliant

Specifications

Interface	SATA II 3Gbps (backward compatible to SATA I)	
Form Factor	Half Slim MO-297	
Flash Type	SLC	MLC
Capacity	SLC: 2GB ~ 64GB	MLC: 8GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 230MB/s	Write: 200MB/s
Operating Voltage	5V	
Operating Temp.	Silver Grade: 0 ~ 70°C	Diamond Grade: -40 ~ 85°C
Storage Temp.	-55 ~ +95°C	
Humidity	0% ~ 95%	
Shock	1500G/0.5ms	
Vibration	10~2000Hz/20G	
Dimensions	54mm(L) x 39mm(W) x 4mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	16GB	FSSD016GIFS5-R33-2R	FSSD016GIFE5-R63-2R
	32GB	FSSD032GIFS5-R33-4R	FSSD032GIFE5-R63-4R
	64GB	FSSD064GIFS5-R33-4R	FSSD064GIFE5-R63-4R
SLC	2GB	FSSD002GISSC-R33-1D	FSSD002GISEC-R63-1D
	4GB	FSSD004GISSC-R33-2D	FSSD004GISEC-R63-2D
	8GB	FSSD008GISSA-R33-2E	FSSD008GISEA-R63-2E
	16GB	FSSD016GISSA-R33-2E	FSSD016GISEA-R63-2E



VALUE Industrial mSATA SATA II SSD



Product Features

- ✓ High Reliability
- ✓ Noiseless and Stable Installation to System
- ✓ Compliant with Serial ATA Revision 2.6 spec
- ✓ Backwards Compatible with SATA I (1.5Gb/s)
- ✓ Compliant with ATA-7 V3 specification
- ✓ Advanced Flash Management: Wear Leveling, Bad Block Management, SMART
- ✓ RoHS Compliant

Specifications

Interface	SATA II 3Gbps (backward compatible to SATA I)	
Form Factor	mSATA MO-300A	
Flash Type	SLC	MLC
Capacity	SLC: 2GB ~ 64GB	MLC: 8GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 230MB/s	Write: 200MB/s
Operating Voltage	3.3V	
Operating Temp.	Silver Grade: 0 ~ 70°C	Diamond Grade: -40 ~ 85°C
Storage Temp.	-55 ~ +95°C	
Humidity	0% ~ 95%	
Shock	1500G/0.5ms	
Vibration	10~2000Hz/20G	
Dimensions	50.95mm(L) x 30.00mm(W) x 3.30mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	16GB	FSSE016GIFS5-R33-2R	FSSE016GIFE5-R63-2R
	32GB	FSSE032GIFS5-R33-4R	FSSE032GIFE5-R63-4R
	64GB	FSSE064GIFS5-R33-4R	FSSE064GIFE5-R63-4R
	128GB	FSSE128GIFS5-R33-4R	FSSE128GIFE5-R63-4R
SLC	2GB	FSSE002GISSC-R33-1D	FSSE002GISEC-R63-1D
	4GB	FSSE004GISSC-R33-2D	FSSE004GISEC-R63-2D
	8GB	FSSE008GISSA-R33-2E	FSSE008GISEA-R63-2E
	16GB	FSSE016GISSA-R33-2E	FSSE016GISEA-R63-2E

VALUE Industrial SATA DOM (SATA II)



Product Features

- ✓ High Reliability
- ✓ Noiseless and Stable Installation to System
- ✓ Compliant with Serial ATA Revision 2.6 spec
- ✓ Backwards Compatible with SATA I (1.5Gb/s)
- ✓ Compliant with ATA-7 V3 specification
- ✓ Advanced Flash Management: Wear Leveling, Bad Block Management, SMART
- ✓ RoHS Compliant

Specifications

Interface	SATA II 3Gbps (backward compatible to SATA I)	
Form Factor	SATA DOM	
Flash Type	SLC	MLC
Capacity	SLC: 512MB ~ 32GB	MLC: 4GB ~ 64GB
Max. Performance (Vary by flash & density)	Read: 175MB/s	Write: 85MB/s
Operating Voltage	5V	
Operating Temp.	Silver Grade: 0 ~ 70°C	Diamond Grade: -40 ~ 85°C
Storage Temp.	-55 ~ +95°C	
Humidity	0% ~ 95%	
Shock	1500G/0.5ms	
Vibration	10~2000Hz/20G	
Dimensions	40.00mm(L) x 23.00mm(W) x 7.10mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	8GB	FSSH008GIFS5-R33-1R	FSSH008GIFE5-R63-2R
	16GB	FSSH016GIFS5-R33-2R	FSSH016GIFE5-R63-2R
	32GB	FSSH032GIFS5-R33-2R	FSSH032GIFE5-R63-2R
SLC	1GB	FSSH001GISSC-R33-2A	FSSH001GISEC-R63-2A
	2GB	FSSH002GISSC-R33-1D	FSSH002GISEC-R63-1D
	4GB	FSSH004GISSC-R33-2D	FSSH004GISEC-R63-2D

LEGACY Industrial 2.5" PATA SSD



Product Features

- ✓ Support Data Transfer up to Ultra DMA Mode 7, Multi-word DMA Mode 2, PIO Mode 4
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, Firmware Update
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Power-Saving Implementation
- ✓ Automatic Error Detection and Retry Capability
- ✓ Support Power Down Commands and Idle Modes
- ✓ RoHS Compliant

Specifications

Interface	Standard ATA / IDE		
Form Factor	2.5"		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 256GB	MLC: 4GB ~ 512GB	pSLC: 2GB ~ 256GB
Max. Performance (Vary by flash & density)	Read: 80MB/s		Write: 70MB/s
Operating Voltage	3.3V and 5V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	100.00mm(L) x 69.85mm(W) x 7.20mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	4GB	FPSB004GTTS7-P93-10	FPSB004GTTE7-P93-10
	8GB	FPSB008GTTS7-P93-20	FPSB008GTTE7-P93-20
	16GB	FPSB016GTTS7-P93-40	FPSB016GTTE7-P93-40
	32GB	FPSB032GTTS7-P93-80	FPSB032GTTE7-P93-80
	64GB	FPSB064GTTS7-P93-80	FPSB064GTTE7-P93-80
	128GB	FPSB128GTTS7-P93-80	FPSB128GTTE7-P93-80
	256GB	FPSB256GTTS7-P93-A0	FPSB256GTTE7-P93-A0
pSLC	2GB	FPSB002GTTS7-P93-13	FPSB002GTTE7-P93-13
	4GB	FPSB004GTTS7-P93-23	FPSB004GTTE7-P93-23
	8GB	FPSB008GTTS7-P93-43	FPSB008GTTE7-P93-43
	16GB	FPSB016GTTS7-P93-83	FPSB016GTTE7-P93-83
	32GB	FPSB032GTTS7-P93-83	FPSB032GTTE7-P93-83
	64GB	FPSB064GTTS7-P93-83	FPSB064GTTE7-P93-83
	128GB	FPSB128GTTS7-P93-A3	FPSB128GTTE7-P93-A3

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
SLC	4GB	FPSB004GTSS1-P93-40	FPSB004GTSE1-P93-40
	8GB	FPSB008GTSS1-P93-40	FPSB008GTSE1-P93-40
	16GB	FPSB016GTSS1-P93-80	FPSB016GTSE1-P93-80
	32GB	FPSB032GTSS2-P93-80	FPSB032GTSE2-P93-80
	64GB	FPSB064GTSS2-P93-80	FPSB064GTSE2-P93-80
	128GB	FPSB128GTSS2-P93-A0	FPSB128GTSE2-P93-A0
	256GB	FPSB256GTSS2-P93-A0	FPSB256GTSE2-P93-A0

LEGACY Industrial 1.8" PATA SSD



Product Features

- ✓ Support Data Transfer up to Ultra DMA Mode 7, Multi-word DMA Mode 2, PIO Mode 4
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, Firmware update
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Power-Saving Implementation
- ✓ Automatic Error Detection and Retry Capability
- ✓ Support Power Down Commands and Idle Modes
- ✓ RoHS Compliant

Specifications

Interface	Standard ATA / IDE		
Form Factor	1.8"		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 1GB ~ 128GB	MLC: 4GB ~ 256GB	pSLC: 2GB ~ 128GB
Max. Performance (Vary by flash & density)	Read: 80MB/s		Write: 90MB/s
Operating Voltage	3.3V and 5V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	71.0mm(L) x 54.0mm(W) x 5.0mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	4GB	FPSA004GTTS7-P93-10	FPSA004GTTE7-P93-10
	8GB	FPSA008GTTS7-P93-20	FPSA008GTTE7-P93-20
	16GB	FPSA016GTTS7-P93-40	FPSA016GTTE7-P93-40
	32GB	FPSA032GTTS7-P93-40	FPSA032GTTE7-P93-40
	64GB	FPSA064GTTS7-P93-80	FPSA064GTTE7-P93-80
	128GB	FPSA128GTTS7-P93-80	FPSA128GTTE7-P93-80
pSLC	2GB	FPSA002GTTS7-P93-13	FPSA002GTTE7-P93-13
	4GB	FPSA004GTTS7-P93-23	FPSA004GTTE7-P93-23
	8GB	FPSA008GTTS7-P93-43	FPSA008GTTE7-P93-43
	16GB	FPSA016GTTS7-P93-43	FPSA016GTTE7-P93-43
	32GB	FPSA032GTTS7-P93-83	FPSA032GTTE7-P93-83
	64GB	FPSA064GTTS7-P93-83	FPSA064GTTE7-P93-83

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
SLC	4GB	FPSA004GTSS1-P93-40	FPSA004GTSE1-P93-40
	8GB	FPSA008GTSS1-P93-40	FPSA008GTSE1-P93-40
	16GB	FPSA016GTSS1-P93-80	FPSA016GTSE1-P93-80
	32GB	FPSA032GTSS2-P93-80	FPSA032GTSE2-P93-80
	64GB	FPSA064GTSS2-P93-80	FPSA064GTSE2-P93-80
	128GB	FPSA128GTSS2-P93-80	FPSA128GTSE2-P93-80

LEGACY Industrial CF Card



Product Features

- ✓ Support Data Transfer up to Ultra DMA Mode 7, Multi-word DMA Mode 4, PIO Mode 6, PCMCIA Ultra DMA Mode 5
- ✓ Compatible with CompactFlash Specification 3.x, 4.x, 5.x and 6.x
- ✓ PC Card Standard Release 8.0
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, Firmware update
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Power-Saving Implementation
- ✓ Automatic Error Detection and Retry Capability
- ✓ Support Power Down Commands and Idle Modes
- ✓ RoHS Compliant

Specifications

Interface	PCMCIA / IDE		
Form Factor	CF Card		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 128MB ~ 64GB	MLC: 4GB ~ 128GB	pSLC: 2GB ~ 64GB
Max. Performance (Vary by flash & density)	Read: 120MB/s		Write: 100MB/s
Operating Voltage	3.3V and 5V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	42.8mm(L) x 36.4mm(W) x 3.3mm(H)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
MLC	4GB	FPCF004GTTS7-P93-10	FPCF004GTTE7-P93-10
	8GB	FPCF008GTTS7-P93-20	FPCF008GTTE7-P93-20
	16GB	FPCF016GTTS7-P93-40	FPCF016GTTE7-P93-40
	32GB	FPCF032GTTS7-P93-40	FPCF032GTTE7-P93-40
	64GB	FPCF064GTTS7-P93-20	FPCF064GTTE7-P93-20
	128GB	FPCF128GTTS7-P93-20	FPCF128GTTE7-P93-20
pSLC	2GB	FPCF002GTTS7-P93-13	FPCF002GTTE7-P93-13
	4GB	FPCF004GTTS7-P93-23	FPCF004GTTE7-P93-23
	8GB	FPCF008GTTS7-P93-43	FPCF008GTTE7-P93-43
	16GB	FPCF016GTTS7-P93-43	FPCF016GTTE7-P93-43
	32GB	FPCF032GTTS7-P93-23	FPCF032GTTE7-P93-23
	64GB	FPCF064GTTS7-P93-23	FPCF064GTTE7-P93-23

Flash	Capacity	Part Number	
		Silver Grade	Diamond Grade
SLC	128MB	FPCF128MTSS2-P93-10	FPCF128MTSE2-P93-10
	256MB	FPCF256MTSS2-P93-10	FPCF256MTSE2-P93-10
	512MB	FPCF512MTSS2-P93-10	FPCF512MTSE2-P93-10
	1GB	FPCF001GTSS1-P93-10	FPCF001GTSE1-P93-10
	2GB	FPCF002GTSS1-P93-20	FPCF002GTSE1-P93-20
	4GB	FPCF004GTSS1-P93-20	FPCF004GTSE1-P93-20
	8GB	FPCF008GTSS2-P93-20	FPCF008GTSE2-P93-20
	16GB	FPCF016GTSS2-P93-40	FPCF016GTSE2-P93-40
	32GB	FPCF032GTSS2-P93-40	FPCF032GTSE2-P93-40
	64GB	FPCF064GTSS2-P93-40	FPCF064GTSE2-P93-40

LEGACY Industrial PATA FLASH MODULE (DOM)

Product Features

- ✓ Support Data Transfer up to Ultra DMA Mode 7, Multi-Word DMA Mode 2, PIO Mode 4
- ✓ Standard Female IDE Connector: 44-pin Horizontal, 40-pin Vertical
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, Firmware update
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Power-Saving Implementation
- ✓ Automatic Error Detection and Retry capability
- ✓ Support Power Down Commands and Idle Modes
- ✓ RoHS Compliant



Specifications

Interface	Standard ATA / IDE		
Form Factor	PATA Flash Module (44H and 40V)		
Flash Type	SLC	MLC	pSLC
Capacity	SLC: 4GB ~ 64GB	MLC: 4GB ~ 128GB	pSLC: 2GB ~ 64GB
Max. Performance (Vary by flash & density)	Read: 80MB/s		Write: 90MB/s
Operating Voltage	3.3V and 5V		
Operating Temp.	Silver Grade: 0 ~ 70°C		Diamond Grade: -40 ~ 85°C
Storage Temp.	-40 ~ +85°C		
Humidity	0% ~ 95%		
Shock	1500G/0.5ms		
Vibration	80~2000Hz/20G		
Dimensions	45.0 mm (L) x 28.0 mm (W) x 6.6 mm (H) (44H) 51.0 mm (L) x 33.5 mm (W) x 6.0 mm (H) (40V)		
MTBF(hours)	2,000,000hrs		

Ordering Information

Flash	Capacity	Part Number	
		Silver Grade (40V / 44H)	Diamond Grade (40V / 44H)
MLC	4GB	FPAA004GTTS7-P93-10 / FPAD004GTTS7-P93-10	FPAA004GTTE7-P93-10 / FPAD004GTTE7-P93-10
	8GB	FPAA008GTTS7-P93-20 / FPAD008GTTS7-P93-20	FPAA008GTTE7-P93-20 / FPAD008GTTE7-P93-20
	16GB	FPAA016GTTS7-P93-20 / FPAD016GTTS7-P93-20	FPAA016GTTE7-P93-20 / FPAD016GTTE7-P93-20
	32GB	FPAA032GTTS7-P93-40 / FPAD032GTTS7-P93-40	FPAA032GTTE7-P93-40 / FPAD032GTTE7-P93-40
	64GB	FPAA064GTTS7-P93-40 / FPAD064GTTS7-P93-40	FPAA064GTTE7-P93-40 / FPAD064GTTE7-P93-40
pSLC	2GB	FPAA002GTTS7-P93-13 / FPAD002GTTS7-P93-13	FPAA002GTTE7-P93-13 / FPAD002GTTE7-P93-13
	4GB	FPAA004GTTS7-P93-23 / FPAD004GTTS7-P93-23	FPAA004GTTE7-P93-23 / FPAD004GTTE7-P93-23
	8GB	FPAA008GTTS7-P93-23 / FPAD008GTTS7-P93-23	FPAA008GTTE7-P93-23 / FPAD008GTTE7-P93-23
	16GB	FPAA016GTTS7-P93-43 / FPAD016GTTS7-P93-43	FPAA016GTTE7-P93-43 / FPAD016GTTE7-P93-43
	32GB	FPAA032GTTS7-P93-43 / FPAD032GTTS7-P93-43	FPAA032GTTE7-P93-43 / FPAD032GTTE7-P93-43
SLC	4GB	FPAA004GTSS1-P93-20 / FPAD004GTSS1-P93-20	FPAA004GTSE1-P93-20 / FPAD004GTSE1-P93-20
	8GB	FPAA008GTSS2-P93-20 / FPAD008GTSS2-P93-20	FPAA008GTSE2-P93-20 / FPAD008GTSE2-P93-20
	16GB	FPAA016GTSS2-P93-20 / FPAD016GTSS2-P93-20	FPAA016GTSE2-P93-20 / FPAD016GTSE2-P93-20
	32GB	FPAA032GTSS2-P93-20 / FPAD032GTSS2-P93-20	FPAA032GTSE2-P93-20 / FPAD032GTSE2-P93-20
	64GB	FPAA064GTSS2-P93-40 / FPAD064GTSS2-P93-40	FPAA064GTSE2-P93-40 / FPAD064GTSE2-P93-40

SONIC 2.5" PCIe SSD



Product Features

- ✓ Ultimate Performance & High Density
- ✓ Compliant with NVMe 1.2
- ✓ Compliant with PCIe I/II/III x4 Interface
- ✓ Best for Enterprise Application
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ End to End Data Path Protection
- ✓ Low Power Management: ASPM/PCI-PM L0s, L1, L1.1 and L1.2
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	PCIe Gen3x4	
Form Factor	2.5"	
Flash Type	MLC	
Capacity	240GB ~ 2TB	
Max. Performance (Vary by flash & density)	Read: 2500MB/s	Write: 1200MB/s
Operating Voltage	12V	
Operating Temp.	0 ~ 70°C	
Storage Temp.	-40 ~ +85°C	
Humidity	0% ~ 93%	
Shock	1500G/0.5ms	
Vibration	80~2000Hz/20G	
Dimensions	100.00mm(L) x 69.85mm(W) x 9.50mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number
MLC	240GB	FCCB240GTTC7-E73-80
	480GB	FCCB480GTTC7-E73-80
	960GB	FCCB960GTTC7-E73-80
	1920GB	FCCB1920TTC7-E73-A0

SONIC PCIe M.2 2280



Product Features

- ✓ Ultimate Performance & High Density
- ✓ Compliant with NVMe 1.2
- ✓ Compliant with PCIe I/II/III x4 Interface
- ✓ Best for Enterprise Application
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ End to End Data Path Protection
- ✓ Low Power Management: ASPM/PCI-PM L0s, L1, L1.1 and L1.2
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	PCIe Gen3x4	
Form Factor	M.2 2280	
Flash Type	MLC	
Capacity	120GB ~ 480GB	
Max. Performance (Vary by flash & density)	Read: 2500MB/s	Write: 1350MB/s
Operating Voltage	3.3V	
Operating Temp.	0 ~ 70°C	
Storage Temp.	-40 ~ +85°C	
Humidity	0% ~ 93%	
Shock	1500G/0.5ms	
Vibration	80~2000Hz/20G	
Dimensions	80.00mm(L) x 22.00mm(W) x 3.80mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number
MLC	120GB	FCSO120GTTC7-E73-40
	240GB	FCSO240GTTC7-E73-40
	480GB	FCSO480GTTC7-E73-40

SONIC PCIe M.2 22110



Product Features

- ✓ Ultimate Performance & High Density
- ✓ Compliant with NVMe 1.2
- ✓ Compliant with PCIe I/II/III x4 Interface
- ✓ Best for Enterprise Application
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ End to End Data Path Protection
- ✓ Low Power Management: ASPM/PCI-PM L0s, L1, L1.1 and L1.2
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	PCIe Gen3x4	
Form Factor	M.2 22110	
Flash Type	MLC	
Capacity	240GB ~ 960GB	
Max. Performance (Vary by flash & density)	Read: 2500MB/s	Write: 1200MB/s
Operating Voltage	3.3V	
Operating Temp.	0 ~ 70°C	
Storage Temp.	-40 ~ +85°C	
Humidity	0% ~ 93%	
Shock	1500G/0.5ms	
Vibration	80~2000Hz/20G	
Dimensions	110.00mm(L) x 22.00mm(W) x 3.80mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number
MLC	240GB	FCSP240GTTC7-E73-80
	480GB	FCSP480GTTC7-E73-80
	960GB	FCSP960GTTC7-E73-80

SONIC AIC (Add-In Card) PCIe SSD



Product Features

- ✓ Ultimate Performance & High Density
- ✓ Compliant with NVMe 1.2
- ✓ Compliant with PCIe I/II/III x4 Interface
- ✓ Best for Enterprise Application
- ✓ Advanced Flash Management: Static and Dynamic Wear Leveling, Bad Block Management, TRIM, SMART, Over-Provision, Firmware update
- ✓ End to End Data Path Protection
- ✓ Low Power Management: ASPM/PCI-PM L0s, L1, L1.1 and L1.2
- ✓ Power Loss Protection
- ✓ Advanced Device Security: Secure Erase, Write Protect
- ✓ Adaptive Approach to Performance Tuning
- ✓ RoHS Compliant

Specifications

Interface	PCIe Gen3x4	
Form Factor	Add-In Card	
Flash Type	MLC	
Capacity	240GB ~ 2TB	
Max. Performance (Vary by flash & density)	Read: 2500MB/s	Write: 1200MB/s
Operating Voltage	12V	
Operating Temp.	0 ~ 70°C	
Storage Temp.	-40 ~ +85°C	
Humidity	0% ~ 93%	
Shock	1500G/0.5ms	
Vibration	80~2000Hz/20G	
Dimensions	167.65mm(L) x 68.90mm(W) x 17.14mm(H)	
MTBF(hours)	2,000,000hrs	

Ordering Information

Flash	Capacity	Part Number
MLC	240GB	FCCD240GTTTC7-E73-80
	480GB	FCCD480GTTTC7-E73-80
	960GB	FCCD960GTTTC7-E73-80
	1920GB	FCCD1920TTC7-E73-A0

Contact Us

Singapore

FLEXXON Pte. Ltd.
28 Genting Lane, #08-07 Platinum 28,
Singapore 349585
Tel : +65-6493 5035
Fax : +65-6493 5037
Email : flexxon@flexxon.com

Hong Kong

FLEXXON Global Ltd.
13-08, 13/F, Block E, Wah Lok Industrial Centre,
Nos. 31-35 Shan Mei Street, Fotan, Shatin, Hong Kong
Tel: +852-2711 5886
Fax: +852-3011 3058
Email : flexxon@flexxon.com

China

FLEXXON Global Ltd. Representative Office
深圳市罗湖区东门南路
Tel: +86-755-8230 8012
Fax: +86-755-6160 5039
Email : flexxon@flexxon.com

Malaysia

FLEXXON Pte. Ltd. Representative Office
Suite 12.1, 12th Floor, Menara Penang Garden,
Jalan Sultan Ahmad Shah, 10050 Penang, Malaysia
Tel: +6016-454 1909
Fax : +65-6493 5037
Email : flexxon@flexxon.com

USA

Corven Electronics, LLC
13575 58th St. North, Suite 210,
Clearwater, FL 33760
Tel: +1-727-492-4665
Email : flexxon@flexxon.com

Why **FLEXXON** ?

- ✓ Long Product Life
- ✓ Fixed BOM
- ✓ Industrial Grade
- ✓ Special Capacity & Customize Memory Solution
- ✓ Strong Technical Support
- ✓ Support HMLV (High-Mixed Low Volume)