Super Speed

USB 3.0 Flash Drive

World's First
USB 3.0
Flash Drives

• RAIDDrive - USB 3.0 Extreme Performance
• SuperCrypt - Hardware Encrypted SSD Performance
• Express RAM Cache - 32MB Cache delivers SSD performance
• Express Drive - USB 3.0 Solid Performance
• Express DUO - USB 3.0 Value-line Performance

RAIDDrive	SuperCrypt	Express RAM Cache	Express Drive	Express DUO
Up to Read **371** Write **196** (MB/s)	Up to Read **242** Write **175** (MB/s)	Up to Read **131** Write **60** (MB/s)	Up to Read **130** Write **30** (MB/s)	Up to Read **67** Write **25** (MB/s)

SUPER★TALENT®
THE BEST MEMORY

Your Source for Quality
Flash & DRAM Products....

USB 3.0 Flash Drives

RAIDDrive	SuperCrypt	Express RAM Cache	ExpressDrive	Express DUO

Solid State Drives

TeraDrive SAS	TeraDrive	UltraDrive	MasterDrive	VSSD	Netbook SSD

USB Drives

Luxio	Pico	Pico mini	CKB Series	Swivel Series	Rubber USB Drives	Custom USB Drives

Memory Products

Overclocking Memory	Server Memory	Desktop Memory	Laptop Memory

FLASH PRODUCTS

MEMORY PRODUCTS

Solid State Drives

- ## Enterprise Server *Server, Workstation, Extreme Performance*

  RAIDDrive   **TeraDrive SAS**   **TeraDrive**

- ## Laptop / Desktop *High Performance Storage*

  UltraDrive   **VSSD**   **MasterDrive**   **Netbook SSD**

- ## Industrial / Military *Military, Aerospace, Industrial, Medical, Embedded Systems*

  DuraDrive   **FDM**

RAIDDrive SSDs

RAIDDRIVE is designed to break the throughput bottleneck in the storage subsystem by removing the bandwidth limitation of the SATA bus. The PCIe x8 interface used by RAIDDRIVE SSDs supports up to 4GB/sec bandwidth, more than 10 times faster than SATA2.

Using RAID architecture that is optimized for NAND flash memory, RAIDDRIVE is able to support burst read speeds of up to 2.4GB/sec. A turbocharged cache system with up to 512MB of DRAM cache enables burst write speeds as fast as 2.2GB/sec. RAIDDRIVE, which houses up to 8 discrete SATA SSDs, comes in a custom form factor.

RAIDDrive R2S
- PCIe x8 (Gen2) host interface
- Burst Speed (max) : Read 2.4GB/s, Write 2.2GB/s
- Capacities up to 2TB
- Support 230K IOPS

RAIDDrive GS
- PCIe x8 link host interface
- Burst Speed (max) : Read 1.4GB/s, Write 1.2GB/s
- Capacities up to 2TB
- Support 140K IOPS

RAIDDrive Specification

	RAIDDrive R2S	RAIDDrive GS
Interface	PCIE x8(gen2)	x8 PCIe
Controller	LSI ROC 2108	Intel IOP 348
Form Factor	PCIe	PCIe
Capacities	500GB, 1TB, 2TB	256GB - 2TB
NAND Flash	MLC	MLC
Performance Access Time	0.1ms	0.1ms
Read/Write (MB/sec)	2400/2200	1400/1200
RAID Level Support	0/5	0/5
RAID Cache Size	512MB	512MB
Number of Port	8 port	4/8 (with Expander)
Battery Backup	Optional	Optional
MTBF	>1,500,000 hrs	>1,500,000 hrs
Dimension mm	224.6 x 94.0 x 20.0	255 x 107 x 25.4
Part Number	R2Sxxxx	RGSxxxx

* Based on CrystalDiskMark v.2.2 and Asus M2N-E Motherboard. Perfomance may vary. Usable capacity is less than specified after formatting. Windows is a registered trademark of Microsoft.

RAIDDrive R2S – MLC Solution uses low-cost MLC flash to reach lower price points, without sacrificing performance.

RAIDDrive GS – MLC Solution uses low-cost MLC flash to reach lower price points, without sacrificing performance.

TeraDrive SAS

TeraDrive SAS is an SSD designed for the Data Center and Server Market. The TeraDrive SAS supports the new TeraDrive SAS interface which offers: higher signal integrity, more reliably and support for longer cable lengths. For data center, the TeraDrive SAS interface enables the data center to increase the number of drives per server(node). This enables them to increase performance, reliability and capacity while reducing the number of required servers, using less real-estate and reduce their carbon footprint.

Features

- • Ultimate Reliability
- • Best for Enterprise Data Center
- • 2 Full Duplex SAS Interface Port
- • Capacity up to 400GB

TeraDrive SAS Solution

Product Family	
Interface	2 full duplex SAS 6Ggps
Form Factor	2.5" SSD
Capacities	100GB - 400GB
NAND Flash	SLC/MLC ONFI2
Performance Access Time	0.1msec
Read/Write (MB/sec)	500/500
Data Cache	No
Supporting Sector Size (Byte)	512 / 520 / 524 / 528
Super Cap	Yes
MTBF	>1,000,000 hrs
Dimension mm	100 x 70 x 10.5
Warranty	2 years (MLC), 3 years (SLC)
Part Number	SExxxxx25S

TeraDrive SSDs

SandForce DRIVEN™

TeraDriveTM SSDs are the new pinnacle of performance in enterprise storage. The TeraDrive is based on the advanced new SandForceTM SSD processor. It is designed to deliver exceptional performance, both sequentially and randomly, over the life of the drive with no performance degradation over time. Supporting up to 50,000 IOPS, the TeraDrive is ideal for use in database servers.

The TeraDrive features RAISETM technology for enhanced reliability and DuraWriteTM technology for significantly increased endurance with super low write amplification, state-of-the-art wear leveling, bad block management, and excellent ECC with up to 24 bits correctable per 512 byte sector. Set to revolutionize enterprise storage, the TeraDrive is available with either MLC or SLC NAND flash, and is offered in capacities of 50GB/100GB/200GB/400GB of FT series and 60GB/120GB/240GB/480GB of CT series.

Features
- **Impressively fast Random R/W Speeds**
- **Up to 500 Read, 500 Write (MB/sec)**
- **Capacities up to 480GB**

SATA II

Specification		TeraDrive FT2	TeraDrive CT
Controller		SandForce 15xx	SandForce 12xx
Form Factor		2.5"	2.5"
Capacities		50,100, 200, 400GB	60, 120, 240, 480GB
NAND Flash		MLC/SLC	MLC
Super Cap		Yes	No
Internal Cache Size		N/A	N/A
Reliability	MTBF	>1,000,000 hrs	>1,000,000 hrs
Dimension	mm	69.85 x 100.2 x 9.5	69.85 x 100.20 x 9.5
Warranty	MLC	2 years	2 years
	SLC	3 years	
Part Number	MLC	FTMxxF225H	FTMxxCT25H
	SLC	FTDxxF225H	

SATA III

Specification		TeraDrive FT3	TeraDrive CT3
Controller		SandForce 25xx	SandForce 22xx
Form Factor		2.5"	2.5"
Capacities		50,100, 200, 400GB	60, 120, 240, 480GB
NAND Flash		MLC/SLC (ONFi2)	MLC (ONFi2)
Super Cap		Yes	No
Internal Cache Size		N/A	N/A
Reliability	MTBF	>1,000,000 hrs	>1,000,000 hrs
Dimension	mm	69.85 x 100.2 x 9.5	69.85 x 100.20 x 9.5
Warranty	MLC	2 years	2 years
	SLC	3 years	
Part Number	MLC	FTMxxF325H	FTMxxC325H
	SLC	FTDxxF325H	

Garbage Collection and TRIM Support

Garbage Collection is an odd term for a utility that erases deleted files from the SSD. Garbage collection basically does the same thing as a wiper utility, except that runs in the background, normally when the SSD is inactive. Garbage collection will keep the SSD's performance fresh without the need for manual execution. Garbage collection utilities, like wiper utilities, have to be developed for specific controller/firmware combinations, meaning that different SSDs require different garbage collection utilities.

TRIM is an operating system feature in which the OS will pass down commands to an SSD controller to erase deleted pages from the SSD. When the TRIM command is enabled, it will execute automatically in the background to always keep the SSD performing like new. TRIM is generally the best method for maintaining SSD performance because it is built into the OS and happens automatically. TRIM is supported by Windows® 7 and Windows Server 2008 R2. It will be integrated into Linux in the near future. Other operating systems do not support TRIM.

UltraDrive SSDs

UltraDrive SSDs are the best of the best in storage. Whether your application is enterprise storage requiring exceptional transaction speeds, or high performance mobile computing for intensive multitasking, or highly secure data storage for confidential information, Super Talent has you covered with an UltraDrive SSD that is ideal for your needs.

These 2.5-inch SATA drives all incorporate the latest reliability features including ECC, wear leveling and bad bit management to ensure reliable performance over the life of the drive. They also offer excellent resistance to shock, vibration and dust. Their industry standard form factor makes integration into servers, desktops and laptops a breeze.

Specification		UltraDrive MX	UltraDrive GX	UltraDrive Martini
Interface		SATA II, mini-USB connections	SATA II	SATA II
Form Factor		2.5 " HDD	2.5 " HDD	2.5 " HDD
Capacities		60GB - 480GB	32GB - 256GB	60GB - 240GB
NAND Flash		MLC/SLC	MLC/SLC	MLC/SLC
Performance	Access Time	0.1ms	0.1ms	0.1ms
	Read/Write (MB/sec)	Up to 250/180	Up to 260/200	Up to 260/200
Internal Cache Size		64MB	64MB	64MB
Power Supply		5V ± 5%	5V ± 5%	5V ± 5%
Environment	Vibration	16G	16G	16G
	Shock	1500G	1500G	1500G
	Op Temperature	0-70 °C	0-70 °C	0-70 °C
Reliability	MTBF	>1,000,000 hrs	>1,000,000 hrs	>1,000,000 hrs
Noise	Active	0dB	0dB	0dB
Dimension	mm	100.2 x 69.9 x 9.5	100.2 x 69.9 x 9.5	100.2 x 69.9 x 9.5
Warranty	MLC	2 years	2 years	2 years
	SLC	3 years	3 years	3 years
Part Number	MLC	FTMxxMX25H	FTMxxGX25H	FTMxxMT25H
	SLC	FTDxxMX25H	FTDxxGX25H	FTDxxMT25H

Specifications subject to change without notice. Usable capacity is less than specified after formatting.
Actual performance varies. *Preliminary specs. * US Patents #7,243,185; 7,301,776; 7,318,117.

UltraDrive MX

UltraDrive GX, UltraDrive Martini

Awards & Press Quotes

The SuperTalent UltraDrive GX scored consistently high in our testing, high enough that we can say, with confidence that it's the fastest single drive we've tested to date.   -Bjorn3D

The UltraDrive GX from Super Talent delivers a very high transfer performance for a low price.   - PC Welt

VSSDs

Super Talent VSSD brings performance and solid-state technology together at an incredible price. By upgrading to VSSD from traditional harddisk, shorter OS booting up time, faster application loading, less system power consumption can be expected. It takes full advantage of the 3Gbps SATA-II bandwidth. The VSSD is capable of sequential read speeds up to 150 MB/sec and sequential write speeds up to 100 MB/sec. Available in capacity of 8GB to 64GB, Super Talent provides customers options to entering SSD world with limit budget, but no compromise in the performance. Customer now can build up system in a money-saving way, running operating system and applications on SSD and storing data on traditional hard-disk.

Specification		Value SSD
Interface		SATA-II
Form Factor		2.5 " HDD
Capacities		8GB - 64GB
NAND Flash		MLC
Performance	Access Time	0.1ms
	8GB R/W (MB/s)	90/30
	16GB R/W (MB/s)	90/30
	32GB R/W (MB/s)	150/60
	64GB R/W (MB/s)	150/100
Internal Cache Size		64MB
Power Supply		5V ± 5%
Enviroment	Vibration	16G.
	Shock	1500G.
	OP temperature	0°C ~ 70°C
Reliability	MTBF	>1,000,000 hrs
Dimension	mm	100.2 x 69.9 x 9.5 mm
Warranty		2 years
Part Number		FTMxxGL25V

MasterDrive SSDs

Super Talent's MasterDrive series SSD brings the solid state drive to a whole new audience. No longer just for the military, enterprise and elite users, the MasterDrive Series SSD is truly affordable. And Super Talent doesn't strip out features to bring down the price. Models can include no-compromise features like SATA-II technology for exceptionally fast read speeds of up to 230MB/sec, and the same resistance to shock and vibration as all Super Talent's SSDs. MasterDrive SSDs deliver the performance and reliability today's mobile enthusiasts demand. Super Talent's Flash management techniques increase reliability and endurance, and continue to provide unprecedented vibration and shock tolerance. Our software and hardware testing ensures the utmost quality of each MasterDrive SSD.

The Premier
Storage Solutioin...
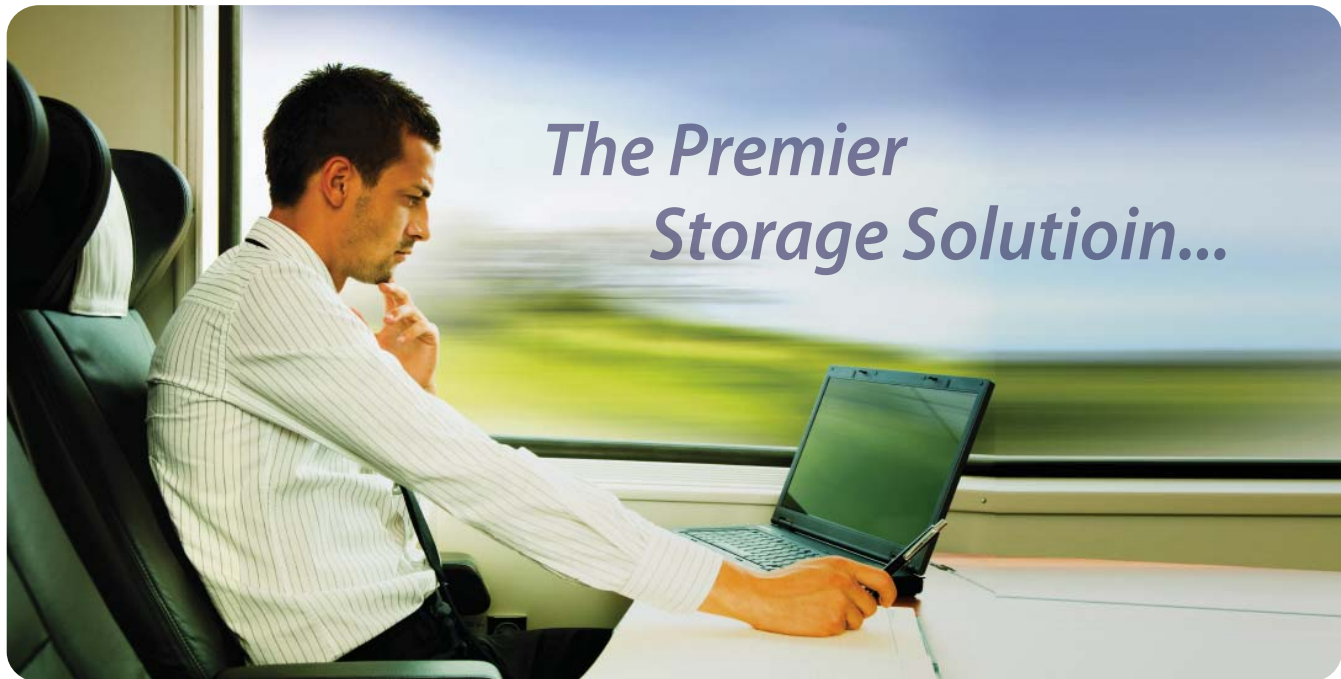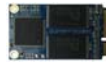
Specification		MasterDrive KX2	MasterDrive SL	MasterDrive GF	MasterDrive EX2	MasterDrive IX2
Interface		SATA II	SATA II	IDE / ZIF	IDE/PATA	IDE/PATA
Form Factor		1.8" (SFF-8144)	Slim Lite (JEDEC MO-297A)	1.8"	2.5"	1.8" (SFF-8144)
Capacities		16GB - 128GB	8GB - 64GB	8GB - 64GB	32GB - 128GB	16GB - 64GB
NAND Flash		SLC/MLC	SLC/MLC	MLC	MLC	SLC
Performance	Access Time	0.1ms	0.1ms	0.1ms	0.1ms	0.1ms
	Read/Write (MB/sec)	200/130	115/30	80/40	80/40	80/60
Internal Cache Size		64MB	64MB	N/A	N/A	N/A
Power Supply		3.3V ± 5%	5V ± 5%	3.3V ± 5%	5V ± 5%	5V ± 5%
Environment	Vibration	16G	16G	16G	16G	16G
	Shock	1500G	1500G	1500G	1500G	1500G
	Operating Temp	0°C - 70°C	0°C - 70°C	0°C - 70°C	0°C - 70°C	0°C - 70°C
Reliability	MTBF	>1,000,000 hrs	>1,000,000 hrs	>1,000,000 hrs	>1,000,000 hrs	>1,000,000 hrs
Dimension	mm	78.5 X 54.0 X 5.0	39.0 X 54.0 X 4.0 mm	71.2 x 54.2 x 5.0	100.2 x 69.9 x 9.5	100.2 x 69.9 x 9.5
Warranty	MLC	2 years	2 years	1 year	2 years	
	SLC	3 years	3 years			3 years
Part Numbers	MLC	FUMxxG218H	SXxxBxXSL	FZMxxGF18H	FHMxxGF25H	FHDxxGF25H
	SLC	FUDxxG218H	STxxAxXSL			

Netbook / Embedded Solution

Super Talent produces a selection of SSDs designed specifically for upgrades of popular netbook models. Upgrading the SSD in a netbook is by far the fastest, easiest and most economical way to boost performance and get more utility from the netbook. These netbook SSDs offer dramatically faster bootup and application load speeds compared to default SSDs or HDDs. They also have outstanding reliability, lower power consumption and are completely silent.

Netbook SSD Upgrade...

Specification		Mini PCIe GW	Half Mini PCIe GW	Half Mini 2 PCIe	1.3" IDE ZIF	SATA Mini 2 PCIe	Mini PCIe MV	Mini PCIe JM
Interface		IDE/PATA	IDE/PATA	IDE/PATA	IDE/ZIF	SATA II	PCIe x1	PCIe x1
Form Factor		Mini PCIe	Half Mini PCIe	Half miniPCIe	1.3" ZIF	Mini PCIe	Mini PCIe Card	Mini PCIe Card
Capacities	MLC	32GB-128GB	16GB-64GB	16GB-64GB	8GB-64GB	16GB-128GB	16GB ~ 64GB	16GB ~ 64GB
	SLC			8GB-16GB		16GB-32GB		
NAND Flash		MLC	MLC	MLC/SLC	MLC	MLC/SLC	MLC	MLC
Performance	Access Time	0.1ms	0.1ms	0.1ms	0.1ms	0.1ms	0.1ms	0.1ms
MLC	Read/Write (MB/sec)	115/50	110/40	80/40	80/40	150/100	90/50	90/50
SLC	Read/Write (MB/sec)	N/A	N/A	80/60	N/A	170/130	N/A	N/A
Netbook Compatibility		Asus Eee PC 70x, 90x, 1000	Dell Inspiron	Dell Inspiron Mini 9	Acer Aspire 1	Asus Eee PC 900, 900A, 901, S101	Embedded Solution	Embedded Solution
Dimension	mm	32.1 x 69.5	30 x 51	30 x 51	32.1 x 54.1	32.1 x 69.5	30 x 50.95	30 x 50.95
Warranty	MLC	2 years	2 years	2 years	2 years	2 years	2 years	2 years
	SLC			3 years		3 years		
Part Numbers	MLC	FPMxxGWAE	FEMxxGWDL	FEMxxGFDL	FEMxxGF13M	FPMxxGLSE	SNxxxxPMV	SNxxxxPMJ
	SLC			FEDxxGFDL		FTDxxGLSE		

Solid State Drives

DuraDrive SSDs

Super Talent's DuraDrive SSDs represent the state-of-the-art solid-state storage solutions for Industrial, Embedded, Military and Mission Critical applications. Available in a variety of configurations, features include: iTemp (-40°C to +85°C) and Commercial Temp, SLC and MLC, Secure Erase, SATA, PATA and ZIF. When reliability becomes mission critical, think DuraDrive.

Mission Critical Storage...

DuraDrive
AT2, ET2 & ZT2
Secure Erase

Specification:		DuraDrive ET2	DuraDrive ZT2	DuraDrive AT2
Interface		IDE/PATA	IDE/ZIF	SATA II
Form Factor		2.5"	1.8"	2.5"
Capacities	MLC	32GB - 256GB	32GB - 256GB	32GB - 256GB
	SLC	16GB - 128GB	16GB - 128GB	16GB - 128GB
NAND Flash		SLC/MLC	SLC/MLC	SLC/MLC
Performance	Access Time	0.1ms	0.1ms	0.1ms
	Read/Write (MB/sec)	125/110	125/110	125/110
Dimension	mm	69.9 x 100.2 x 9.5	51.97 x 69.97 x 5.10	69.9 x 100.2 x 9.5
Warranty	MLC	2 years	2 years	2 years
	SLC	3 years	3 years	3 years
Part Number	MLC	FHMxxGW25x	FZMxxGW18x	FTMxxGW25x
	SLC	FHDxxGW25x	FZDxxGW18x	FTDxxGW25x

Since SuperTalent manufactures our own drives in California, we can offer customized solutions to our customers. Here are some of the optional features that we can support with the DuraDrive:

- SLC Flash – Many of our designs can be built using SLC flash for added durability and longevity
- Legacy Interfaces – In addition to SATA, we are pleased to be able to offer PATA and ZIF interfaces as well
- Secure Erase – Secure Erase is a feature that many of our customers seek. We've designed the DuraDrive series to support the Secure Erase feature across the product line.
- iTemp Spec – Many Mission Critical applications require operating temperatures well above consumer spec. We've designed the DuraDrive series to be easily extended to support temperature ratings of -40°C to 85°C .
- Made in the USA – A world wide company with manufacturing lines both here and in Asia, we can build product to fit your specs, time lines and budget. If your requirements include, Made in the USA, we are please to be able to offer this to our customers.

FDM   Flash Disk Module

Super Talent's line of SSDs also extends to small form factor systems. NAND Flash based IDE Flash Disk Modules (FDMs) are ideal for embedded computing applications. The industry standard IDE connector plugs directly into a motherboard using a 40- or 44-pin IDE connector, and uses a 5V power input. Add extra storage to embedded systems with our Flash Disk Modules (FDMs). I-temp available by request.

IDE Flash Disk Modules

		40-pin Horizontal	40-pin Vertical	44-pin Horizontal	44-pin Vertical
Specification					
Interface		IDE/PATA	IDE/PATA	IDE/PATA	IDE/PATA
Capacity		4GB-64GB (ver 2) 4GB-64GB (ver 3)	4GB-64GB (ver 2) 4GB-64GB (ver 3)	4GB-64GB (ver 2) 4GB-64GB (ver 3)	4GB-64GB (ver 2) 4GB-64GB (ver 3)
NAND Flash		MLC/SLC	MLC/SLC	MLC/SLC	MLC/SLC
Performance	Access Time	0.1ms	0.1ms	0.1ms	0.1ms
MLC	Read/Write (MB/sec)	80/40 (ver 2) 110/40 (ver 3)	80/40 (ver 2) 110/40 (ver 3)	80/40 (ver 2) 110/40 (ver 3)	80/40 (ver 2) 110/40 (ver 3)
SLC	Read/Write (MB/sec)	80/50 (ver 2) 110/50 (ver 3)	80/50 (ver 2) 110/50 (ver 3)	80/50 (ver 2) 110/50 (ver 3)	80/50 (ver 2) 110/50 (ver 3)
Power Supply		5V ± 5%	5V ± 5%	5V ± 5%	5V ± 5%
Operating Temperature		0°C - 70°C	0°C - 70°C	0°C - 70°C	0°C - 70°C
Dimension	mm	49.5 x 31.0	58.2 x 33.6	48.0 x 31.0	55.8 x 33.0
Warranty	MLC	2 years	2 years	2 years	2 years
	SLC	3 years	3 years	3 years	3 years
Part Number	MLC (version 2)	SFxxNXF41	SFxxNXF40	SFxxNXF45	SFxxNXF44
	SLC (verison 2)	SFxxMXF41	SFxxMXF40	SFxxMXF45	SFxxMXF44
	MLC (version 3)	SFxxNXW41	SFxxNXW40	SFxxNXW45	SFxxNXW44
	SLC (verison 3)	SFxxMXW41	SFxxMXW40	SFxxMXW45	SFxxMXW44

SATA Flash Disk Modules

		7-pin SATA FDM Right	7-pin SATADOM	22-pin SATA Horizontal	USB FDM
Specification					Vertical Horizontal
Interface		SATA II	SATA II	SATA 3Gb/s (SATA-II)	USB 2.0
Capacity		4GB-64GB	4GB-16GB	4GB-64GB	4GB-16GB
NAND Flash		SLC/MLC	SLC/MLC	MLC/SLC	MLC/SLC
Performance	Access Time	0.1ms	0.1ms	0.1ms	0.1ms
MLC	Read/Write (MB/sec)	100/40	To be announced	100/40	25/10
SLC	Read/Write (MB/sec)	100/60	To be announced	100/60	32/29
Power Supply		5V ± 5%	5V ± 5%	5V ± 5%	5V ± 5%
Operating Temperature		0°C - 70°C	0°C - 70°C	0°C - 70°C	0°C - 70°C
Dimension	mm	55 x 33	To be announced	55.2 x 30	35 x 21.2(ver), 46 x 19(Hor)
Warranty	MLC	2 years	2 years	2 years	2 years
	SLC	3 years	3 years	3 years	3 years
Part Number	MLC	SMxxNXR7L/R	To be announced	SMxxNXR2H	FLMxGQ09x
	SLC	SMxxMXR7L/R	To be announced	SMxxMXR2H	FLDxGQ09x

CF Cards

NEW

COMPACT FLASH 600X PRO 64GB

CF Cards 600X PRO
90 Read / **90** Write (MB/s)

• CFast
Capacity: 64GB, 32GB, 16GB

High Speed CFast 32GB

- Seq. Read & Write speed: 120MB/s, 90MB/s
- Operating shock rating of 2000Gs – impact-resistance.
- Power requirement: 3.3V.
- Supports ATA command set.
- Dimensions (approx.): 42.8 x 36.4 x 3.3mm.
- Weight: 13g (max.).
- Operating temperature: 0°C - 70°C
- Warranty: 1 Year
- Serial ATA 3Gbps interface

• High Speed CF Cards
Capacity: 64GB, 32GB,16GB, 8GB, 4GB, 2GB

COMPACT FLASH 600X 64GB

- Operating shock rating of 2,000Gs - impact-resistance.
- Speed 600x, 533x, 450x, 350x, 80x
- Power requirements: 3.3V or 5.0V.
- Supports ATA command set.
- Dimensions (approx.): 42.8 x 36.4 x 3.3mm
- Weight: 13g (max.).
- Warranty: 1 Year.

• I-Temp CF Cards
Capacity: 32GB,16GB, 8GB, 4GB, 2GB, 1GB

COMPACT FLASH Industrial Temp 250X 32GB

- Operating shock rating of 2,000Gs - impact-resistance.
- Power requirements: 3.3V or 5.0V.
- Supports ATA command set.
- Dimensions (approx.): 42.8 x 36.4 x 3.3mm
- Weight: 13g (max.).
- Operating temperature: -40° to 85° C.
- Warranty: 1 Year.

Zero Limits with USB 3.0 - Until now, you had to give up Performance for Portability or Compatibility for real Security, but with the introduction of USB 3.0, now you can have it all; the performance of an SSD, the security of AES Hardware Encryption while retaining full backward compatibility with the millions of USB 2.0 ports already on the market.

USB 3.0 RAIDDrive

The RAIDDrive is our fastest USB 3.0 drive with speeds up to 375 MB/sec. It is backward compatible with USB 2.0.

"[It] is the fastest USB device that we have ever benchmarked in the history of the site ."

Features:

• USB 3.0 Interface for unprecedented speed
• Compatible with USB 3.0 & USB 2.0 standards
• Highly Reliable MLC NAND Flash

Device	USB 3.0 RAIDDrive
Physical Specification	
Interface	USB 3.0
Capacity	32GB - 128GB
NAND Flash	MLC
Dimensions	95 x 34 x 15.4 mm
Performance Specification	
Seq. Read*	350 MB/s
Seq. Write*	180 MB/s
Reliability Specification	
Data Retention	10 years
Data Reliability	Built-in EDC/ECC
Environmental Specification	
Operting Temperature	0°C to +70°C
Internal Cache Size	128MB
Warranty	5 years
Part Numbers	ST3U32SRK ST3U64SRK ST3U28SRK

* Performance varies depending on drive capacity, system configuration, application and other factors. Usable capacity is less than specified after formatting.

USB 3.0 SuperCrypt

SuperCrypt USB 3.0 drives are extremely fast, include hardware encryption to keep your data secure, and are offered in a wide range of capacities.

Features:

• All data written to drive is automatically encrypted
• Secure partition locks upon removal
• Hardware Encrypted partition does not appear until password is authenticated
• 64MB Cache support elevates small block reads and writes
• Key is stored in hardware and never passed on the USB or System bus

"The Super Talent SuperCrypt was a dream to work with."

Device	USB 3.0 SuperCrypt Drive	USB 3.0 SuperCrypt PRO
Physical Specification		
Interface	USB 3.0	USB 3.0
Capacity	16 -256GB	32GB - 256GB
NAND Flash	MLC	MLC
Dimensions	95 x 34 x 15.4 mm	95 x 34 x 15.4 mm
Performance Specification		
Seq. Read*	240 MB/s	240 MB/s
Seq. Write*	184 MB/s	184 MB/s
OS Support	Windows XP, Vista, Window 7 (32/64-bit)	Windows XP, Vista, Window 7 (32/64-bit)
Reliability Specification		
Data Retention	10 years	10 years
Data Reliability	Built-in EDC/ECC	Built-in EDC/ECC
Security	128bit AES Hardware Encryption, ECB mode	256bit AES Hardware Encryption, XTS mode
Environmental Specification		
Operting Temperature	0°C to +70°C	0°C to +70°C
Internal Cache Size	64MB	64MB
Warranty	5 years	5 years
Part Numbers	16GB - ST3U16SCS 32GB - ST3U32SCS 64GB - ST3U64SCS 128GB - ST3U28SCS 256GB - ST3U56SCS	32GB - ST3U32SPS 64GB - ST3U64SPS 128GB - ST3U28SPS 256GB - ST3U56SPS

Extraordinarily Fast Drives...

USB 3.0 Express RAM Cache

The USB 3.0 Express RAM Cache is a slim, high performance flash drive with an on-board caching system for improved performance.

Features:

- • USB 3.0 Performance
- • Fully Backward Compatible with USB 2.0
- • 32MB on-board Cache
- • Accelerated Writes and Small block performance
- • Available in 32GB & 64GB

Device	USB 3.0 Express RAMCache
Physical Specification	
Interface	USB 3.0
Capacity	16GB - 64GB
NAND Flash	MLC
Dimensions	87.5 x 25 x 8.0 mm
Performance Specification	
Seq. Read*	130 MB/s
Seq. Write*	60 MB/s
OS Support	Windows XP, Vista, Window 7 (32/64-bit)
Reliability Specification	
MTBF	1,000,000 hours
Data Retention	10 years
Data Reliability	Built-in EDC/ECC
Environmental Specification	
Operting Temperature	0°C to +50°C
Warranty	5 years
Part Numbers	ST3U32ERS ST3U64ERS

USB 3.0 Express Drive

The USB 3.0 Express RAM Cache is a slim, high performance flash drive with an on-board caching system for improved performance.

Features:

- • High Performance USB 3.0
- • Fully Backward Compatible with USB 2.0
- • Available in 16GB & 32GB

"The Express Drive USB 3.0 certainly delivers blazing fast speeds for those who demand the performance now."

Device	USB 3.0 Express Drive
Physical Specification	
Interface	USB 3.0
Capacity	32GB
NAND Flash	MLC
Dimensions	67 x 27 x 7.5 mm
Performance Specification	
Seq. Read*	125 MB/s
Seq. Write*	42 MB/s
Reliability Specification	
MTBF	1,000,000 hours
Data Retention	10 years
Data Reliability	Built-in EDC/ECC
Environmental Specification	
Operting Temperature	0°C to +50°C
Warranty	5 years
Part Numbers	ST3U16EDK ST3U32EDK

USB 3.0 Flash Drives

- • RAIDDrive - USB 3.0 Extreme Performance
- • SuperCrypt - Hardware Encrypted SSD Performance
- • Express RAM Cache - 32MB Cache delivers SSD performance
- • Express Drive - USB 3.0 Solid Performance
- • Express DUO - USB 3.0 Value-line Performance

USB 3.0 Express DUO

The Express DUO is USB 3.0 performance at a USB 2.0 price. Small, fast, bakward compatible and completely affordable, the Express Drive makes the conversion to USB 3.0 easy.

Features:

- • USB 3.0 Performance
- • Fully Backward Compatible with USB 2.0
- • Available in 8GB & 16GB

Device	USB 3.0 Express Duo
Physical Specification	
Interface	USB 3.0
Capacity	8GB - 16GB
NAND Flash	MLC
Dimensions	67.8 x 17.2 x 7.7 mm
Performance Specification	
Seq. Read*	67 MB/s
Seq. Write*	25 MB/s
Reliability Specification	
Data Retention	10 years
Data Reliability	Built-in EDC/ECC
Environmental Specification	
Operting Temperature	0°C to +50°C
Warranty	5 years
Part Numbers	ST3U8EDB ST3U16EDB

Storage POD – 500H

USB 3.0 is perfect for external storage devices. Over twice as a fast as USB 2.0 and with three times the available bus power, this 500GB drive enclosure truly delivers on performance and convenience. Completely power by the USB bus, the Storage POD requires no external power adapter.

Features:

- • USB 3.0 - unlock the true performance of your drive
- • Portable – Compact, Bus Powered Design
- • Capacity – 500GB HDD
- • Compatible – Supports USB 3.0 & USB 2.0*
- • Durable – Anti-shock (6-axis) enclosure

* USB 3.0 Speeds requires a USB 3.0 port

Storage POD mini

Ultra-Portable Solid State Drive with a high performance USB 3.0 interface, One-touch Backup and Write Protection

Features:

- • Capacity : 60/120/240/480GB SSD
- • Compatible - supports USB 2.0 & 3.0
- • Special Features :
  - - 3 LED Status Indicator : Monitor drive Connection Status and Activity at a glance
  - - Write Protection Switch : Prevent unintentional writes, protecting your drive from Viruses and Malware
  - - One Touch Backup: Incremental Backup at the touch of a button.
- • Performance : 260MB/s Sequential Read and 220MB/s Sequential Write
- • Light Weight : only 80g (up to 250% lighter than 2.5" solutions)
- • Dimensions : 110x68x10mm (about the size of a celphone)

World's smallest 64GB USB drive

PICO USB Drives

Pico Series USB drives are incredibly small and stylish Flash drives offering up to 64GB data storage. Pico drives feature up to 30 MB/s transfer speeds. Not only are Pico drives ideal for transporting data, digital images, and presentations, they are also the perfect accessory to adorn keychains, mobile phones, or wearing as a necklace.

Features:
- World's smallest 64GB USB drive
- Up to 200X transfer speed
- Water resistant
- Over 80 press awards to date

Dimensions:

A = 38.7 x 12.4 x 3.9mm
B = 31.8 x 18.8 x 4.4mm
C = 31.3 x 12.4 x 3.4mm
D = 39.7 x 13.5 x 4.9mm
E = 34.8 x 15.8 x 5.2mm

PICO A
- Swivel lid

PICO B
- Retractable

PICO C
- Ultra Small Capless.

PICO C Gold
- Ultra Small Capless.

PICO C Nickel
- Ultra Small Capless.

PICO D
- Swivel lid

PICO E
- Sliding lid

PICO E Gold
- Sliding lid

Ordering Information

	2GB	4GB	8GB	16GB	32GB	64GB
A	STU2GPAS	STU4GPAS	STU8GPAS	STU16GPAS		
B	STU2GPBS	STU4GPBS	STU8GPBS	STU16GPBS		
C	STU2GPCS	STU4GPCS	STU8GPCS	STU16GPCS		
C Gold		STU4GPCG	STU8GPCG	STU16GPCG	STU32GPCG	STU64GPCG
C Nickel	STU2GPCN	STU4GPCN	STU8GPCN	STU16GPCN	STU32GPCN	
D	STU2GPDS	STU4GPDS	STU8GPDS	STU16GPDS		
E	STU2GPES	STU4GPES	STU8GPES	STU16GPES		
E Gold		STU4GPEG	STU8GPEG	STU16GPEG	STU32GPEG	

*US Patents # 6,547,130; 7,257,714 ; 7,103,684

Pico mini USB Drives

Pico mini drives are amazingly small USB drives that weigh only a few grams, but hold up to 4,000 MP3 songs or all your mobile data. Pico mini drives are water resistant, colorful and trendy, and are offered in capacities up to 32GB.

Ordering Information (A & B)

	Pico mini A	Pico mini B
2GB (Pink)	STU2GMAP	STU2GMBP
4GB (Green)	STU4GMAG	STU4GMBG
8GB (Blue)	STU8GMAB	STU8GMBB
16GB (Black)	STU16GMAK	STU16GMBK
32GB (Black)	STU32GMAK	STU32GMBK

Dimensions:
A : 31.8 x 15.0 x 3.2 mm
B : 30.5 x 15.4 x 3.4 mm

Ordering Information (C & D)

	Pico mini C	Pico mini D
2GB	STU2GMCK	STU2GMDU
4GB	STU4GMCK	STU4GMDU
8GB	STU8GMCK	STU8GMDU
16GB	STU16GMCK	STU16GMDU
32GB	STU32GMCK	STU32GMDU

Dimensions:
C : 31 x 16.2 x 5.2 mm
D : 30.5 x 15.4 x 3.9 mm

Pico mini A

Pico mini B

Pico mini C

Pico mini D

STT USB Drives

Elite Series

Standard Storage, Premium Designs, High-end Materials, Non-speed Rated

LUXIO USB Drives

Luxio USB drives are first and foremost a sleek and classy mobile storage solution. But there's a lot more to Luxio than meets the eye. These small drives store up to 128GB of data -- as many as 40,000 six megapixel photos! With transfer rates as high as 200X (30MB/sec), copying files to and from the Luxio is a breeze. We also include AES-256 hardware Encryption with every Luxio drive, and a custom made leather carrying case.

Black   Silver   Wood Grain

Ordering Information

Capacity	Black Luxio	Silver Luxio	Wood grain Luxio
16GB	STP16GLXBU	STP16GLXSU	STP16GLXWU
32GB	STP32GLXBU	STP32GLXSU	STP32GLXWU
64GB	STP64GLXBU	STP64GLXSU	STP64GLXWU
128GB	STP28GLXBU	STP28GLXSU	STP28GLXWU

DataGuardian

DataGuardian™ is plug and play security for USB. Finally, there's a solution to keep your data safe without public and private partition or even the need for software. Simply plug in the DataGuardian and an application is automatically launched from the drives firmware (on-chip). Simply enter your password and you will have access to your data; unplug the drive and the drive is locked again. And DataGuardian also blocks all Autorun-based malware attacks. These kind of malware propagation techniques have become the #1 distribution method of recent viruses. With Super Talent DataGuardian™, your data is safe from both the predators you can see and those you don't.

Features:

· Password Security without software (Hardware-based)
· Protects from all Autorun-based Malware attacks
· Available in 8GB and 16GB capacities

Encryption Solutions

Your USB Flash drive holds all your most valuable data. Maybe it contains your personal financial records, confidential medical or legal records, customer databases, or other secrets that you wouldn't want to fall into the wrong hands. By encrypting your data, it will be inaccessible to anyone without your encryption password (beware, do not lose your password!). Super Talent now offers two easy ways to protect the contents of your USB drive. Our state-of-the-art 256-bit encryption solutions conform to AES-256 standards.

USBENC-H1
- AES-256 compliant hardware encryption
- Supported on most USB models
- Factory enabled only; specify when ordering

USBENC-S1
- EncryptX SecurFlash® AES-256 compliant software encryption
- Supported on all USB models
- FIPS 140-1certified
- Factory pre-load only

CKB Series

You can't leave home without this one because it will always be with you. Designed to be placed on your keychain, this flash drive is housed in a rugged metal enclosure.

Capacity: 2GB - 32GB
Dimension:
40 X 25.9 X 3.7mm(H)

Ordering Information

	Silver	Nickel
2GB	STU2GCKBS	STU2GCKBN
4GB	STU4GCKBS	STU4GCKBN
8GB	STU8GCKBS	STU8GCKBN
16GB	STU16GCKBS	STU16GCKBN
32GB	STU32GCKBS	STU32GCKBN

Twist-CRR

A new "twist" on the cap-less design. Twist the back 20% of the drive left or right; half rotation out, half rotation in. Spins either way without mechanical stop.

Capacity: 1GB-16GB
Dimension:
59 x 17 x 10 mm (H)

Ordering Information

Silver (x = 2GB – 16GB)	STUxGGRS
Red (x = 2GB – 16GB)	STUxGGRR
Black (x = 2GB – 16GB)	STUxGGRK

Eco Series

Simple Storage, Classic Designs, Classic Colors, Non-speed Rated

- Swivel Type

Eco Swivel

Capacity: 2GB - 32GB
Dimension:
66 x 18 x 12 mm (H)

Ordering Information

	Black	Red	Silver
2GB	STU2GSWD-K	STU2GSWD-R	STU2GSWD-S
4GB	STU4GSWD-K	STU4GSWD-R	STU4GSWD-S
8GB	STU8GSWD-K	STU8GSWD-R	STU8GSWD-S
16GB	STU16GSWD-K	STU16GSWD-R	STU16GSWD-S
32GB	STU32GSWD-K	STU32GSWD-R	STU32GSWD-S
64GB	STU64GSWD-K	STU64GSWD-R	STU64GSWD-S

CSB - SwitchBlade

Capacity: 2GB - 16GB
Dimension:
54 x 18 x 9 mm (H)

Ordering Information

	Black	Red	White
2GB	STU2GSBK	STU2GSBR	STU2GSBW
4GB	STU4GSBK	STU4GSBR	STU4GSBW
8GB	STU8GSBK	STU8GSBR	STU8GSBW
16GB	STU16GSBK	STU16GSBR	STU16GSBW

Duo

Capacity: 2GB - 32GB
Dimension:
38 x 12.5 x 5 mm (H)

Ordering Information

	Duo-A	Duo-B
2GB (Pink)	STU2GDAPN	STU2DUOP
4GB (Green)	STU4GDAGN	STU4DUOG
8GB (Blue)	STU8GDABU	STU8DUOB
16GB (Black)	STU16GDABK	STU16DUOK
32GB (Purple)	STU32GDAPP	STU32DUOV

TSP

Capacity: 2GB - 32GB
Dimension:
60 x 20 x 9.7 mm (H)

Ordering Information

	Black	White	Red
2GB	STU2TSP-K	STU2TSP-W	STU2TSP-R
4GB	STU4TSP-K	STU4TSP-W	STU4TSP-R
8GB	STU8TSP-K	STU8TSP-W	STU8TSP-R
16GB	STU16TSP-K	STU16TSP-W	STU16TSP-R
32GB	STU32TSP-K	STU32TSP-W	STU32TSP-R
64GB	STU64TSP-K	STU64TSP-W	STU64TSP-R

SSP

Capacity: 2GB - 32GB
Dimension:
61 x 23 x 9 mm (H)

Ordering Information

	Black	Silver
2GB	STU2SSP-K	STU2SSP-S
4GB	STU4SSP-K	STU4SSP-S
8GB	STU8SSP-K	STU8SSP-S
16GB	STU16SSP-K	STU16SSP-S
32GB	STU32SSP-K	STU32SSP-S
64GB	STU64SSP-K	STU64SSP-S
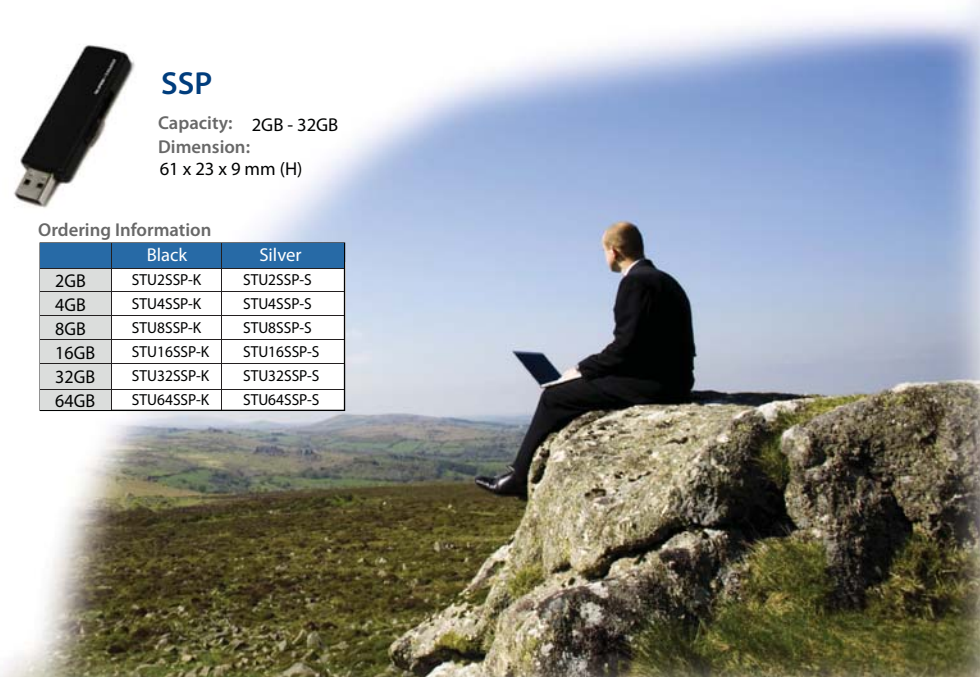
Design USB drives into your unique product!

Why print your logo on plain generic USB drives?

From prototype to delivery in as little as 4 weeks!

- Rubber USB drives are customizable to ANY shape/design and capacities of up to 16GB
- Minimum order quantity is 1,000
- Let us preload your digital content

Poker Chip USB Drive

Big Ben	Holiday	FlipFlop	Statue of Liberty	Fish

Automotive Industry	Electronics Industry	Toy Industry	Sports Industry	Computer Industry

- Your logo on it!

Custom USB drives are ideal for transporting presentations, digital music and photos. Super Talent manufactures a wide variety of custom USB drive styles, colors and capacities. These drives are all Hi-Speed USB 2.0 compliant, are 100% tested, and are backed with Super Talent's limited lifetime warranty.
Use our online LogoMaster tool to preview any logo on our selection of USB Drives.

Swivel Style   Never lose a cap again with our swivel style drives. These drives also have large surface areas for logo printing.

SM

Capacity: 1GB - 32GB
Dimension:
57.0 x 19.0 x 11.0 mm (H)

Ordering Information

1GB	SM_1GB
2GB	SM_2GB
4GB	SM_4GB
8GB	SM_8GB
16GB	SM_16GB
32GB	SM_32GB
64GB	SM_64GB

SWR

Capacity: 1GB - 8GB
Dimension:
45 x 16 x 6mm (H)

Ordering Information

1GB	SWR_1GB
2GB	SWR_2GB
4GB	SWR_4GB
8GB	SWR_8GB

SM2

Capacity: 2GB - 32GB
Dimension:
18 x 62 x 10.5mm (H)

Ordering Information

2GB	SM2_2GB
4GB	SM2_4GB
8GB	SM2_8GB
16GB	SM2_16GB
32GB	SM2_32GB
64GB	SM2_64GB

Pleastic Case   Standard removable-cap models are perfect for custom logo imprinting. Offered in a variety of styles and colors.

DG

Capacity: 1GB - 32GB
Dimension:
67.8 x 17.2 x 7.7 mm (H)

Ordering Information

1GB	DG_1GB
2GB	DG_2GB
4GB	DG_4GB
8GB	DG_8GB
16GB	DG_16GB
32GB	DG_32GB
64GB	DG_64GB

DE

Capacity: 1GB - 32GB
Dimension:
71.1 x 19.4 x 7.5 mm (H)

Ordering Information

1GB	DE_1GB
2GB	DE_2GB
4GB	DE_4GB
8GB	DE_8GB
16GB	DE_16GB
32GB	DE_32GB
64GB	DE_64GB

AI

Capacity: 1GB - 16GB
Dimension:
58 x 17 x 7 mm (H)

Ordering Information

1GB	AI_1GB
2GB	AI_2GB
4GB	AI_4GB
8GB	AI_8GB
16GB	AI_16GB
32GB	AI_32GB

Retractable   These retractable drives use a sliding mechanism to click open and closed.

SLC

Capacity: 1GB - 32GB
Dimension:
51.9 x 20.3 x 8.9 mm (H)

Ordering Information

1GB	SLC_1GB
2GB	SLC_2GB
4GB	SLC_4GB
8GB	SLC_8GB
16GB	SLC_16GB
32GB	SLC_32GB
64GB	SLC_64GB

SLY

Capacity: 1GB - 32GB
Dimension:
47.2 x 17.2 x 7.9 mm (H)

Ordering Information

1GB	SLY_1GB
2GB	SLY_2GB
4GB	SLY_4GB
8GB	SLY_8GB
16GB	SLY_16GB
32GB	SLY_32GB
64GB	SLY_64GB

Your Logo Here

Aluminum Case   Strong aluminum body design. Glossy black plastic cap. Metal surface can be etched with a custom logo.

AH

Capacity: 1GB - 16GB
Dimension:
51.6 x 17.0 x 7.1 mm (H)

Ordering Information

1GB	AH_1GB
2GB	AH_2GB
4GB	AH_4GB
8GB	AH_8GB
16GB	AH_16GB
32GB	AH_32GB

DH

Capacity: 1GB - 32GB
Dimension:
64.5 x 16.8 x 7.1 mm (H)

Ordering Information

1GB	DH_1GB
2GB	DH_2GB
4GB	DH_4GB
8GB	DH_8GB
16GB	DH_16GB
32GB	DH_32GB
64GB	DH_64GB

*See more choices on our website

Flash Media Cards

Super Talent offers a full range of Flash media cards to suit all your mobile storage needs. These products have been tested extensively to ensure compatibility with every conceivable consumer gadget. These cards are all backed with Super Talent's 1-year warranty.

MicroSDHC Cards
Capacity: 32GB, 16GB, 8GB,4GB

Features:
- Power requirements: 2.7V to 3.6V.
- Operating temperature: -25° to 85° C.
- Dimensions (approx.):
  15 x 11 x 1mm
- Weight: 0.5g.
- Warranty: 1 Year.
- Optional SD adapter for use in SD devices.

MicroSD Cards
Capacity: 8GB, 4GB,2GB,1GB

Features:
- Power requirements: 2.7V to 3.6V.
- Operating temperature: -25° to 85° C.
- Dimensions (approx.):
  15 x 11 x 1mm
- Weight: 0.5g.
- Warranty: 1 Year.
- Optional SD adapter for use in SD devices.

SDHC Cards
Capacity: 32GB,16GB,8GB,4GB

Features:
- Erase protection switch to prevent accidental deleting of data.
- Operating shock rating of 2,000Gs - impact-resistance.
- Power requirements: 2.7V to 3.6V.
- Dimensions (approx.): 32 x 24 x 2.1mm
- Weight: 2.0g (max.).
- Power consumption: Active < 35mA; Standby < 100uA .
- Operating temperature: -25° to 85° C.
- Warranty: 1 Year.

SD Cards
Capacity: 4GB,2GB,1GB

Features:
- Erase protection switch to prevent accidental deleting of data.
- Operating shock rating of 2,000Gs - impact-resistance.
- Power requirements: 2.7V to 3.6V.
- Dimensions (approx.): 32 x 24 x 2.1mm
- Weight: 2.0g (max.).
- Power consumption: Active < 35mA; Standby < 100uA .
- Operating temperature: -25° to 85° C.
- Warranty: 1 Year.

Desktop Memory

Super Talent Desktop memory is fully compliant with industry standards to ensure compatibility with motherboards and OEM systems. As a member of the JEDEC association, Super Talent helps define future memory standards. All new products, new component suppliers, and technology changes are subjected to stringent hardware and software testing in our Compatibility Labs prior to production. Super Talent's award-winning Desktop memory is also qualified and recommended by leading industry partners such as Asus and MSI. This additional level of testing ensures the highest possible levels of quality and compatibility.

Unbuffered DDR3
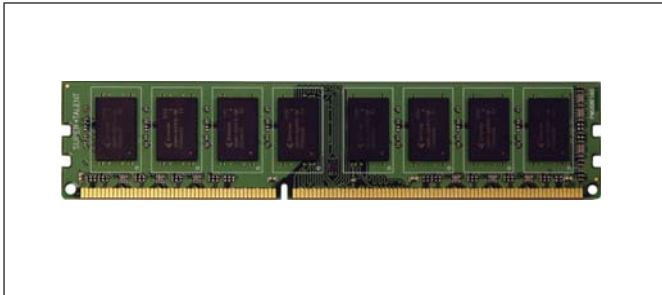
DDR3-1066 (PC3-8500)

Part Number	Density	ECC	Latency	Heat Spreader
W1066UA1G7	1GB		7	Y
W1066UA1GM	1GB		7	N
W1066UA1GS	1GB		7	N
W1066UX2GM	2GB Kit (2x1GB)		7	N
W1066UX2G7	2GB Kit (2x1GB)		7	Y
W1066UX2GS	2GB Kit (2x1GB)		7	N
W1066UB2GE	2GB		7	N
W1066UB2GM	2GB		7	N
W1066UB2G7	2GB		7	Y
W1066UX4G7	4GB Kit (2x2GB)		7	Y
W1066UB4G	4GB		7	N

DDR3-1600(PC3-12800)

W16UB2GLx	2GB	1.35V	9	N

DDR3-1333 (PC3-10600)

Part Number	Density	Voltage	Latency	Heat Spreader
W1333UA1GS	1GB	1.5V	9	N
W1333UA1GM	1GB	1.5V	9	N
W1333UA1G9	1GB	1.5V	9	N
W1333UB2GS	2GB	1.5V	9	N
W1333UB2GM	2GB	1.5V	9	N
W1333UB2GE	2GB	1.5V	9	N
W1333UB2G9	2GB	1.5V	9	N
W13UB2GLx	2GB	1.35V	9	N
W1333LB2Gx	2GB(VLP)	1.5V	8	N
WA133UB2G9	2GB	1.5V	9	Y
WA133UX4G9	2GB Kit(2x1GB)	1.5V	9	Y
WA133UX6G9	2GB Kit(2x1GB)	1.5V	9	Y
W1333UX4GS	4GB Kit (2x2GB)	1.5V	9	N
W1333UX4GM	4GB Kit (2x2GB)	1.5V	9	N
W1333UX4GE	4GB Kit (2x2GB)	1.5V	9	N
W1333LB4Gx	4GB(VLP)	1.5V	8	N
W1333UB4G	4GB	1.5V	9	N
WA133UB4G9	4GB	1.5V	9	Y
WA133UX8G9	4GB Kit (2x2GB)	1.5V	9	Y
WA13UX12G9	4GB Kit (2x2GB)	1.5V	9	N
W1333UX6G8	6GB Kit (3x2GB)	1.5V	8	N
W1333UX6G9	6GB Kit (3x2GB)	1.5V	9	N

Unbuffered DDR2

DDR2-400 (PC2-3200)

Part Number	Density	ECC	Latency	Heat Spreader
T400UB512A	512 MB		3	N
T400EB512A	512 MB	✓	3	N
T400UA512A	512 MB		3	N
T400EA512A	512 MB	✓	3	N
T400EB1GA	1GB	✓	3	N
T400UX1GA	1GB Kit (2x512MB)		3	N
T400UB1GA	1GB		3	N

DDR2-800 (PC2-6400)

Part Number	Density	ECC	Latency	Heat Spreader
T8UA512C5	512 MB		5	Y
T800UA512S	512 MB		5	N
T800UA1GC4	1GB		4	N
T8UB1GC5	1GB		5	Y
T800UB1GV2	1GB		6	N
T800UB1GSA	1GB		5	N
T800EB1G_S	1GB	✓	6	N
T800UB2GV2	2GB		6	N
T8UX2GC5	2GB Kit (2x1GB)		5	Y
T800UB2GMT	2GB		5	N
T800UB2GV	2GB		6	N
T800UB2GC4	2GB		4	N

DDR2-533 (PC2-4200)

Part Number	Density	ECC	Latency	Heat Spreader
T533EB512B	512 MB	✓	4	N
T533UA512B	512 MB		4	N
T5UA512C4	512 MB		4	Y
T533UA512V	512 MB		4	N
T5UB512C4	512 MB		4	Y
T533UA512M	512 MB		4	N
T533EA512B	512 MB	✓	4	N
T533UB512V	512 MB		4	N
T533UB512B	512 MB		4	N
T533UX1GB	1GB Kit (2x512MB)		4	N
T5UA1G8C4	1GB		4	Y
T533UB1G_I	1GB		4	N
T5UB1GC4	1GB		4	Y
T533UB1GB	1GB		4	N
T533UB1GAP	1GB		4	N
T533UB1GV	1GB		4	N
T533EB1GB	1GB	✓	4	N
T533EA1G_S	1GB	✓	4	N
T533UX2GB	2GB Kit (2x1GB)		4	N
T533EB2GB	2GB	✓	4	N
T533UB2GAP	2GB		4	N

DDR2-667 (PC2-5300)

Part Number	Density	ECC	Latency	Heat Spreader
T6UA512C5	512 MB		5	Y
T667EA512A	512 MB	✓	5	N
T667UA512I	512 MB		4	N
T667UA512C	512 MB		5	N
T6UA1G8C5	1GB		5	Y
T6UB1GC5	1GB		5	Y
T667UB1G_I	1GB		5	N
T667EB1G_S	1GB	✓	5	N
T6UX1GC5	1GB Kit (2x512MB)		5	Y
T667EA1G_M	1GB	✓	4	N
T667UB1GC	1GB		5	N
T667UB1GV	1GB		5	N
T6UX2GC5	2GB Kit (2x1GB)		5	Y
T667UB2G_M	2GB		5	N

Server Memory

Our server memory is designed for ultimate reliability. These modules conform to JEDEC specifications and use only the highest quality components. Our server memory is subjected to our own extensive in-house qualifications before being qualified by leading server board manufacturers on their newest server platforms. Super Talent Server memory is 100% tested and backed with a lifetime warranty.

* All Server Memory is:
- Fully JEDEC compliant
- 100% Tested to ensure optimum quality

* Server Products Include:
- DDR & DDR2 ECC Registered DIMMs to 4GB
- DDR2 FB-DIMMs to 8GB
- DDR3 ECC Registered DIMMs to 8GB
- Very Low Profile modules (0.70" / 0.72" tall) for blade servers and Advanced TCA applications
- Samsung original green DDR3

DDR3 RDIMM

DDR3-1066 (PC3-8500)

Part Number	Density	Latency	Heat Spreader	Ranks	x4/x8
W10RA1G8X	1GB	7	N	1	x8
W10RA2G4x	2GB	7	N	1	x4
W10RB2G8X	2GB	7	N	2	x8
W10VA2G4x	2GB(VLP)	7	N	1	x4
W10RB4G8	4GB	7	N		x8
W10VB4G8x	4GB(VLP)	7	N		x8

DDR3-1333 (PC3-10600)

Part Number	Density	Latency	Heat Spreader	Ranks	x4/x8
W13RA1G8X	1GB	9	N	1	x8
W13RA2G4x	2GB	9	N	1	x4
W13RB2G8X	2GB	9	N	2	x8
W13VA2G4x	2GB(VLP)	9	N	1	x4
W13VB2G8x	2GB(VLP)	9	N	2	x8
W13VA2G4LH	2GB(VLP)	9	N	1	x4
W13RB4G4X	4GB	9	N	2	x4
W13RB4G8	4GB	9	N	2	x8
W13VB4G8x	4GB(VLP)	9	N	2	x8
W1333RX6G	6GB Kit (3x2GB)	9	N	2	x8
W13RB8G4x	8GB	9	Y	2	x4
W1333RX24G	24GB(3x8GB)	9	Y	2	x4

DDR3 ECC UDIMM
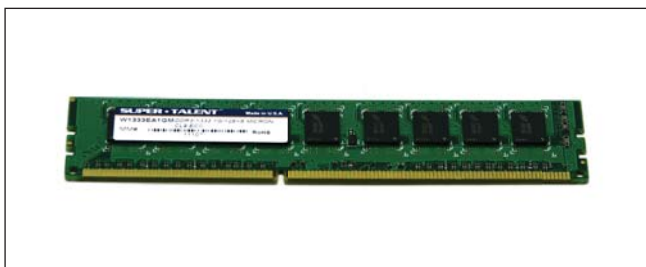
DDR3-1066 (PC3-8500)

Part Number	Density	Latency	Heat Spreader	Ranks
W1066EA1GX	1GB	7	N	1
W1066EB2GX	2GB	7	N	2

DDR3-1333 (PC3-10600)

Part Number	Density	Latency	Heat Spreader	Ranks
W1333EA1GX	1GB	9	N	1
W1333EB2GX	2GB	9	N	2
W1333EX6Gx	6GB Kit (3x2GB)	9	N	2

DDR2 ECC Registered Dimm
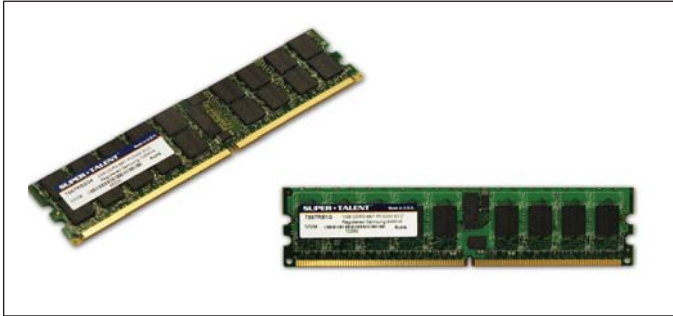
DDR2-667 (PC-5300)

Part Number	Density	Latency	Heat Spreader	Ranks	x4/x8
T667RA512	512MB	5	N	1	x8
T667RB1G	1GB	5	N	2	x8
T667RA1G4	1GB	5	N	1	x4
T667RL1G	1GB(VLP)	5	N	2	x8
T667RB2G4	2GB	5	N	2	x4
T667RB4G4S	4GB	5	N	2	x4

DDR2-400 (PC2-3200)

Part Number	Density	Latency	Heat Spreader	Ranks	x4/x8
T400RA512M	512MB	3	N	1	x8
T400RA512	512MB	3	N	1	x8
T400RA5124	512MB	3	N	1	x4
T400RB512	512MB	3	N	2	x8
T400RA512I	512MB	3	N	1	x8
T400RA1G4	1GB	3	N	1	x4
T400RB1G_M	1GB	3	N	2	x8
T400RB1G	1GB	3	N	2	x8
T400RB1GV	1GB	3	N	2	x8
T400RB1G_I	1GB	3	N	2	x8
T400RB2G4	2GB	3	N	2	x4

DDR2-533 (PC2-4200)

Part Number	Density	Latency	Heat Spreader	Ranks	x4/x8
T533RB512	512MB	4	N	2	x8
T533RA512	512MB	4	N	1	x8
T533RA5124	512MB	4	N	1	x4
T533RA1G4	1GB	4	N	1	x4
T533RB1G	1GB	4	N	2	x8
T533RB2G4	2GB	4	N		

DDR2-800 (PC2-6400)

Part Number	Density	Latency	Heat Spreader	Ranks	x4/x8
T800RB1G	1GB	5	N	2	x8

Samsung DDR3 RDIMM

Super Talent also offers Samsung original green DDR3 server memory, backed with Super Talent's legendary service and support.

DDR3-1066 (PC3-8500)

Part Number	Density	Latency	Heat Spreader	Samsung Part Number
SW10RA2G4	2GB	7	N	M393B5670DZ1(EH1)-CF8
SW10RB4G4	4GB	7	N	M393B5170DZ1(EH1)-CF8

DDR3-1333 (PC3-10600)

Part Number	Density	Latency	Heat Spreader	Samsung Part Number
SW13EB2G	2GB	9	N	M391B5673EH1-CH9
SW13RB2G8	2GB	9	N	M393B5673EH1-CH9
SW13EB4G	4GB	9	N	M391B5273BH1-CH9
SW13RB4G4	4GB	9	N	M393B5170EH1-CH9
SW13RB8G4	8GB	9	N	M393B1K70BH1-CH9

Proves to be GREEN Solution

Green DDR3

1.35V DDR3 SDRAM-VLP RDIMM

We are now shipping their new "Green DDR3" to support low-voltage platforms. JEDEC standard 1.35V DDR3 SDRAM-VLP is 2GB based on a 1Gb component. This DDR3 memory product features: lower cooling costs, higher efficiency, and most importantly dramatic power savings.

DDR3-1333 (PC3-10600)

Part Number	Density	Latency	Heat Spreader	Module Rank
W13VA2G4LH	2GB	9	N	1
W13VA2G4LS	4GB	9	N	1

Extreme Performance
DDR3

- Up to 2400 MHz Clock Speeds
- XMP-pre-tuned for Low Latencies
- 8GB Dual-and 12GB,24GB Triple-Channel Kits

Speed Series DDR3   The World's Most Advanced DDR3 Memory

Speed Series represents the most advanced DDR3 memory available. It is developed and built in Super Talent's Silicon Valley Engineering Labs to deliver the highest attainable DDR3 memory performance. Speed Series memory combines blistering fast clock speeds with aggressively tuned latencies. Speed Series employs an extreme cooling solution that offers double the surface area and 106% more aluminum mass than standard heat spreaders. With Super Talent's special thermal adhesive, this cooling solution provides superior heat dissipation that results in a cooler, faster memory device. Super Talent builds Speed Series using the fastest available, carefully screened DRAM chips, and are hand tested as a matched pair in a popular enthusiast motherboard.

DDR3-2133 (PC3-17000)

Part Number	Density	Application	Latency	Voltage
WS213UX4G9	4 GB Kit (2x2GB)	P55	9-9-9-28	1.65V
WS213UX4G8	4 GB Kit (2x2GB)	P55	8-8-8-24	1.65V

DDR3-2200 (PC3-17600)

WS220UX4G9	4 GB Kit (2x2GB)	P55	9-9-9-28	1.65V
WS220UX4G8	4 GB Kit (2x2GB)	P55	8-8-8-24	1.65V

DDR3-2400 (PC3-19200)

WS240UX4G9	4 GB Kit (2x2GB)	P55	9-11-11-28	1.65V

Performance Series DDR3

Our Performance series is designed by hardware enthusiasts for maximum performance with the Core i7 CPU. These modules are hand tested in the latest Core i7 motherboards in triple channel configuration to guarantee phenomenal speed. Each Performance series module is equipped with a chrome plated heatsink that is designed by our thermal engineers to wick away heat from the components more efficiently than traditional heatsinks, resulting in higher clock speeds. The Performance series is built expressly for extreme overclockers and gaming enthusiasts.

DDR3-1600(PC3-12800)

Part Number	Density	Application	Latency	Voltage
WP160UX4G7	4 GB Kit (2x2GB)	P55	7-7-7-21	1.65V
WP160UX4G9	4 GB Kit (2x2GB)	P55	9-9-9-28	1.65V
WP160UX4G8	4 GB Kit (2x2GB)	P55	8-8-8-24	1.65V
WP160UB4G9	8 GB Kit (2x4GB)	P55	9-9-9-28	1.65V
WP160UX8G9	8 GB Kit (2x4GB)	P55	9-9-9-28	1.65V

DDR3-2000 (PC3-16000)

Part Number	Density	Application	Latency	Voltage
WP200UX4G9	4 GB Kit (2x2GB)	P55	9-9-9-28	1.65V
WP200UX4G8	4 GB Kit (2x2GB)	P55	8-8-8-24	1.65V
WP200UB4G9	4 GB	P55	9-10-9-28	1.65V
WP200UX8G9	8 GB Kit (2x4GB)	P55	9-10-9-28	1.65V

Chrome Series DDR3

DDR3-1600(PC3-12800)

Part Number	Density	Latency	Voltage
WB160UA1G7	1 GB	7-7-7-21	1.65V
WB160UA1G8	1 GB	8-8-8-24	1.65V
WB160UB2G6	2 GB	6-6-6-18	1.65V
WB160UB2G9	2 GB	9-9-9-28	1.65V
WB160UX3G7	3 GB(3x1GB)	7-7-7-21	1.65V
WB160UX3G8	3 GB(3x1GB)	8-8-8-24	1.65V
WB160UB4G9	4 GB	9-9-9-28	1.65V
WB160UX6G7	6 GB (3x2GB)	7-7-7-21	1.65V
WB160UX6G8	6 GB (3x2GB)	8-8-8-24	1.65V
WB160UX6G9	6 GB (3x2GB)	9-9-9-28	1.65V
WB160T12G9	12 GB (3x4GB)	9-9-9-28	1.65V

DDR3-1800(PC3-14400)

Part Number	Density	Latency	Voltage
WB180UA1G8	1 GB	8-8-8-24	1.65V
WB180UB2G8	2 GB	8-8-8-24	1.65V
WB180UX3G9	3 GB(3x1GB)	9-9-9-28	1.65V
WB180UX3G8	3 GB(3x1GB)	8-8-8-24	1.65V
WB180UX6G8	6 GB(3x2GB)	8-8-8-24	1.65V
WB180UX6G9	6 GB(3x2GB)	9-9-9-28	1.65V

DDR3-2000(PC3-16000)

Part Number	Density	Latency	Voltage
WB200UB2G8	2 GB	8-8-8-24	1.65V
WB200UB2G9	2 GB	9-9-9-28	1.65V
WB200UX3G9	3 GB(3x1GB)	9-9-9-28	1.65V
WB200UB4G9	4GB	9-10-9-28	1.65V
WB200UX6G8	6 GB (3x2GB)	8-8-8-24	1.65V
WB200UX6G9	6 GB (3x2GB)	9-9-9-28	1.65V
WB200T12G9	12GB (3x4GB)	9-10-9-28	1.65V
WB200T24G9	24GB (6x4GB)	9-10-9-28	1.65V

Project X DDR3
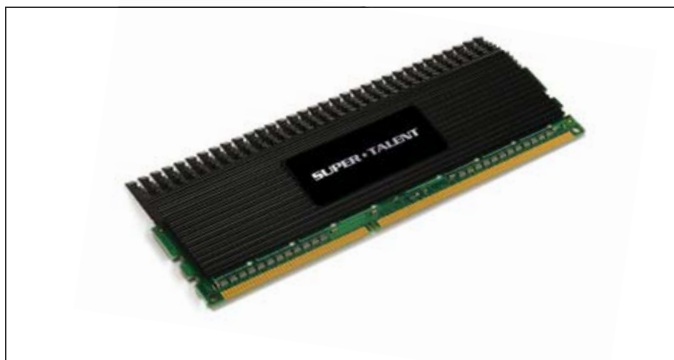
DDR3-2000(PC3-16000)

Part Number	Density	Latency	Voltage
WX200UB2G7	2 GB	7-7-7-21	1.65V
WX200UX6G7	6 GB (3x2GB)	7-7-7-21	1.65V

DDR3-1600 (PC3-12800)

Part Number	Density	Latency	Voltage
WX160UX6G6	6 GB (3x2GB)	6-6-6-18	1.65V

Super Talent Laptop memory is designed for compatibility with a wide range of portable computers. Our fully JEDEC compliant SO-DIMMs are built with only the highest quality components. All new products, new component suppliers, and technology changes are rigorously tested in a multitude of laptop computers in our Compatibility Labs prior to production. Super Talent Laptop memory is 100% tested. Every SO-DIMM module we build is tested at its rated specs to guarantee functionality. Our SO-DIMMs are backed with Super Talent's lifetime warranty, and are perfect for upgrades.

**DDR, DDR2, DDR3
SO-DIMM modules up to 2GB**

DDR3 SO-DIMMs

DDR3-1066 (PC3-8500)

Part Number	Density	Latency
W1066SB2Gx	2GB	7
W1066SB4Gx	4GB	7

DDR3-1333 (PC3-10600)

Part Number	Density	Latency
W1333SA1Gx	1GB	9
W1333SA1GS	1GB	9
W1333SB2GS	2GB	9
W1333SB2Gx	2GB	9

DDR2 SO-DIMMs

DDR2-400 (PC2-3200)

Part Number	Density	Latency
T400SC512E	512 MB	3
T400SC512	512 MB	3
T400SB1G_E	512 MB	3
T400SB1G	1GB	3

DDR2-533 (PC2-4200)

Part Number	Density	Latency
T533SC512V	512 MB	4
T533SC512E	512 MB	4
T533SC512	512 MB	4
T533SB1G/E	1GB	4
T533SA1G/V	1GB	4
T533SB1G/S	1GB	4
T533SB1G/V	1GB	4
T533SB1G	1GB	4
T533SB2G/V	2GB	4
T533SB2G/S	2GB	4
T533SB2G/M	2GB	4

DDR2-667 (PC2-5300)

Part Number	Density	Latency
T667SA512M	512 MB	5
T667SC512E	512 MB	5
T667SD512S	512 MB	5
T667SC512S	512 MB	5
T667SC512	512 MB	5
T667SA1G/V	1GB	5
T667SB1G	1GB	5
T667SB1GBM	1GB	5
T667SB1G/V	1GB	5
T667SB1G/S	1GB	5
T667SA1GX	1GB	5
T667SB1GAP	1GB	5
T667SB1G/E	1GB	5
T667SB2G/M	2GB	5
T667SB2GBM	2GB	5
T667SB2GAP	2GB	5
T667SB2G/S	2GB	5
T667SB2G/V	2GB	5

DDR2-800 (PC2-6400)

Part Number	Density	Latency
T800SC512S	512 MB	5
T800SB1G	1GB	6
T800SB2G/V	2GB	5

Apple Memory

DDR3 Apple-approved DIMM P/N's

Mac Mini (1.66/1.83GHz, Core2 Duo 2.0/2.26GHz)	Description
W1066SA1GA	1GB DDR3-1066 SODIMM
W1066SB2GA	2GB DDR3-1066 SODIMM
Mac Pro (Quad-Core & 8-Core)	**Description**
W1066EB1GA	1GB DDR3-1066 ECC
W1066EB2GA	2GB DDR3-1066 ECC
iMac (iMac Intel Core2 Duo 20/24-inch DDR3)	**Description**
W1066SA1GA	1GB DDR3-1066 SODIMM
W1066SB2GA	2GB DDR3-1066 SODIMM

MacBook Pro

Super Talent has Certified for Apple® DIMMs!

Super Talent memory modules are designed for 100% compatibility with the latest Mac computers. Super Talent tests its memory on all the leading Apple systems in Apple's certification labs.

DDR2 Apple-approved DIMM P/N's

Mac Book / Mac Book Pro	Description
T667SB1G/S	1GB DDR2-667 SO-DIMM
T667SB2G/S	2GB DDR2-667 SO-DIMM
iMac G5	**Description**
T533UA1GB	1GB DDR2-533 DIMM
T533UB2G/S	2GB DDR2-533 DIMM

Awards & Reviews

Our products have captured over 500 press awards worldwide since 2006, making Super Talent one of the industry's most highly acclaimed brands. Our line of Pico USB drives alone has won over 80 awards to date including being featured on the cover of Popular Science, being named to Ladies Home Journal's list of "Things We Can't Believe We Ever Lived Without", and being named to Gizmodo's list of "Top 10 Biggest & Baddest Record-Breaking Consumer Gadgets".

ABOUT SUPER TALENT TECHNOLOGY, CORPORATION

Headquartered in San Jose, California – the heart of Silicon Valley, Super Talent Technology designs and manufactures system memory and Flash-based storage devices for computers and consumer electronics. Our award-winning system memory products are based on industry standard DDR, DDR2 and DDR3 technology. Our Flash storage solutions include Solid State Drives (SSDs), stylish USB drives and compact removable card formats.

With over 20 years of experience in manufacturing memory products, Super Talent has emerged as a leader in advanced product development and manufacturing processes.

ENGINEERED IN SILICON VALLEY

Super Talent's electrical, mechanical, and software Engineering teams, based in Silicon Valley, develop leading-edge custom DRAM and Flash memory solutions. An ISO 9001 certified company, Super Talent utilizes its state-of-the-art factories and leading - edge components to produce award winning products with outstanding reliability. As an active member of JEDEC and ONFI, the industry standards associations for DRAM and Flash, Super Talent's engineers help define future memory standards. With over 230 patents in DRAM and Flash technology, Super Talent has become one of the world's top patent holders in memory device categories.

SUPER TALENT LOCATIONS INCLUDE:

- **San Jose**
- **Los Angeles**
- **Chicago**
- **New Jersey**
- **Georgia**
- **Miami**
- **Brazil**
- **Europe**
- **Shenzhen & Guang Zhou**
- **Wuhan**
- **Taiwan**
- **Hong Kong**
- **Japan**
- **Mexico**

- ✪ **Headquarters**
- ◯ **Sales Representative**
- ◎ **Sales, Warehouse**
- ✧ **Sales, Purchasing**
- ▢ **Factory**

SUPER ★ TALENT ®
THE BEST MEMORY

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