Super Talent - OEM Solution Provider

Headquartered in the heart of Silicon Valley, Super Talent provides OEM Customers a competitive advantage by enabling them to outsource the design, layout, manufacturing and qualification processes. Our ultimate goal is to provide innovative solutions, decrease your time to market and reduce costs.

Design
Super Talent designs are produced by a talented team of Silicon Valley engineers to satisfy most customers' data storage needs.

Manufacturing
Super Talent uses state-of-the-art ISO 9001 certified technical equipment and leading-edge components to manufacture it's memory products.

Testing
All Super Talent products are rigorously tested for quality within our own labs and then tested and approved by top motherboard manufactures and other industry partners to assure compatibility.

Logistics
Super Talent logistic services are very flexible to meet various customer needs that include retail and bulk packaging, procurement, inventory management, transportation, and more.

SUPER TALENT LOCATIONS INCLUDE:

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

✦ Headquarters
◯ Sales Representative
◎ Sales, Warehouse
✧ Sales, Purchasing
▢ Factory

San Jose · Chicago · New Jersey · LA · Georgia · Miami · Mexico · Costa Rica · Europe · Wuhan · Korea · Japan · Shenzhen · Taiwan · Hong Kong · Perú · Brazil · Chile · Bolivia · Argentina

Corporate Headquarters

United States
2077 North Capitol Avenue
San Jose, CA 95132 U.S.A
Tel: 1.408.934.2560
Fax: 1.408.719.5020
Support: support@supertalent.com
Sales: sales@supertalent.com
OEM Sales: oemsales@supertalent.com

SUPER ★ TALENT
THE BEST MEMORY

www.supertalent.com

SUPER ★ TALENT
THE BEST MEMORY

2014 Product Overview

RAIDDrive II Plus

- PCIe x8 Interface
- Max Speed: Read up to 3.2GB/s, Write up to 3.2GB/s
- Capacities up to 2TB

Automotive	Mobile	USB 3.0 Drive

www.supertalent.com

SUPER ★ TALENT®
THE BEST MEMORY

SUPER ★ TALENT®
THE BEST MEMORY

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

INDEX

* Patent # - USA (Protected by U.S Patents)

DDR DIMM:
5,841,686 ; 5,982,653 ; 5,996,880 ; 6,542,393 ; 6,775,139 ; 6,993,209 ; 7,023,700 ; 7,215,551 ; 7,365,985

USB Flash Drives:
6,547,130 ; 6,854,984 ; 6,874,044 ; 6,993,618 ; 7,004,780 ; 7,004,794 ; 7,021,971 ; 7,044,802 ; 7,052,287 ; 7,073,010 ; 7,074,052 ; 7,082,056 ; 7,094,074 ; 7,095,617 ; 7,103,684 ; 7,104,848 ; 7,108,560 ; 7,125,287 ; 7,126,559 ; 7,182,646 ; 7,186,147 ; 7,235,423 ; 7,243,185 ; 7,249,978 ; 7,252,518 ; 7,257,714 ; 7,259,967 ; 7,269,004 ; 7,297,024 ; 7,318,117 ; 7,428,605 ; 7,347,736 ; 7702831 ; 7873837 ; 7966462 ; 8073985 ; 8102657 ; 8297987 ; 8438376 ; 8444423 ; 8500467

Flash Cards:
6,547,130 ; 6,874,044 ; 7,009,846 ; 7,032,827 ; 7,069,369 ; 7,082,056 ; 7,103,684 ; 7,104,807 ; 7,126,873 ; 7,173,826 ; 7,174,628 ; 7,243,185 ; 7,257,714 ; 7,296,345 ; 7,299,316

Solid State Drives:
7,243,185 ; 6,547,130 ; 6,874,044 ; 7,004,780 ; 7,082,056 ; 7,073,010 ; 7,104,807 ; 7,126,873 ; 7,130,958 ; 7,243,185 ; 7,257,714 ; 7,299,316 ; 7,318,117 ; 7849242 ; 7877542 ; 7886108 ; 7934074 ; 8015348 ; 8019943 ; 8037234 ; 8180931 ; 8266367 ; 8296467 ; 8321597 ; 8341332 ; 8452912 ; 8543742

* Taiwan Patents
094106566 ; 094113217 ; 094145032 ; 096132994 ; 096136141 ; 097108510 ; 098213787 ; 99100643 ; 099109613 ; 099118012

*China Patents:
200710154015.3 ; 200910163527.5 ; 200910165874.1 ; 201010135362.3 ; 201320265197.2

Solid State Drives

| Enterprise Solutions | Consumer | Mobile Computing | Industrial Grade | Embedded |

USB 3.0 Flash Drives

Up to Read 4041 Write 5388 (MB/s)
Up to Read 320 Write 120 (MB/s)
Up to Read 240 Write 170 (MB/s)
Up to Read 85 Write 40 (MB/s)
Up to Read 72 Write 28 (MB/s)

| Express Dram ★ Disk™ | Express RC4 | SuperCrypt Pro | DataGuardian | USB 3.0 Pico |

Memory Products

| Desktop Memory | Network Memory | Server Memory | Laptop Memory | Apple® Memory |

Solid State Drives

Super Talent's SSDs (solid-state drives) are data storage devices that use NAND Flash memory as the storage medium. SSDs have lower power consumption, faster performance, and are lighter and less noisy compared to conventional hard disk drives (HDDs).

Utilizing high density industrial grade NAND Flash chips, Super Talent now offers a variety of SSDs for ultra-rugged applications and high performance consumer and commercial use. Super Talent's SSD technology includes proprietary wear leveling algorithms and bad bit management.

• Enterprise Solutions
- RAIDDrive SSDs
- TeraNova SSD
- SuperNova SSD

• Consumer
- UltraDrive SSDs
- MasterDrive SSD

• Mobile Computing
- mSATA
- Mini PCIe SSDs

• Automotive & Industrial Grade
- DuraDrive SSDs

• Embedded
- NGFF Series
- SATA Flash Disk Modules
- IDE Flash Disk Modules

The Broadest Portfolio in the Industry...

Enterprise Solutions

RAIDDrive SSDs

Built for the enterprise server, RAIDDrive is designed to break the throughput bottleneck in the storage subsystem by removing the bandwidth limitation of the SATA bus. The RAIDDrive can simplify your IT infrastructure while reducing operating and capital costs.

RAIDDrive GS
- PCIe x8 Interface
- Max Speed: Read up to 1.4GB/s, Write up to 1.2GB/s
- Capacities up to 2TB

RAIDDrive II
- PCIe x8 Interface
- Max Speed: Read up to 2.4GB/s, Write up to 2.8GB/s
- Capacities up to 2TB

RAIDDrive II Plus
- PCIe x8 Interface
- Max Speed: Read up to 3.2GB/s, Write up to 3.2GB/s
- Capacities up to 2TB

Specification	RAIDDrive GS	RAIDDrive II	RAIDDrive II Plus
Interface	PCIe	PCIe	PCIe
Form Factor	PCIe x 8 (Gen1)	PCIe x 8 (Gen2)	PCIe x 8 (Gen2)
Capacities	256GB-2TB	480GB-2TB	480GB-2TB
Read/Write (MB/s)	1400/1200	2400/2800	3200/3200
Dimensions (mm)	255x107x25.4	231.5x94x20.6	231.5x94x20.6
Part Number	RGSxxxx	R2Sxxxx1	FP8xxxL4Rx

Based on CrystalDiskMark v.3.0 and Asus P6T Motherboard. Perfomance may vary.

Enterprise Solutions

Consumer

TeraNova SSD

SandForce DRIVEN™ By LSI | Garbage Collection | Trim Support

The TeraDrive line is Super Talent's enterprise offering that delivers exceptional performance using state-of-the-art algorithms and proprietary RAISE technology to increase reliability and endurance. Supporting up to 50,000 IOPS, the TeraDrive is ideal for database servers and represents the pinnacle of performance in enterprise storage.

Features
- SATA III Interface
- Protection for sudden power loss
- Enterprise data center solution

Specification	TeraNova
Interface	SATA-III
Form Factor	2.5"
Capacity	60GB-480GB
Read/Write (MB/s)	540/520
Dimensions (mm)	69.85x100.2x7
Part Number	FTMxxN325H

SuperNova III

Garbage Collection | Trim Support

SuperNova III SSDs are perfect for those seeking extreme performance. Featuring S.M.A.R.T. – Self Monitoring Analysis and Reporting Technology – which can help prevent unexpected outage and data loss, the SuperNova III is one of our highest performing, secure and reliable 2.5" SSDs yet.

Features
- Perfect for super computing
- Thermal conductive silicon padding
- Supports S.M.A.R.T.

Specification	SuperNova III
Interface	SATA-III
Form Factor	2.5"
Capacity	64GB – 512GB
Read/Write (MB/s)	550/350
Dimensions (mm)	70.0x100.0x7
Part Number	FTMxxS425H

UltraDrive SSD

Super Talent UltraDrive series SSDs are perfect for workstations. Designed to strike a balance between performance and price, the UltraDrive products represent our best value. Featuring advanced error correction, wear leveling, bad block management technology and TRIM, the UltraDrive is designed and tested to offer performance, endurance, and reliability.

Garbage Collection | Trim Support

Features
- Protection from sudden power loss
- High endurance supercomputing solution
- Capacities up to 480 GB

Specification	UltraDrive MX3	UltraDrive MX2
Interface	SATA-III	SATA-II
Form Factor	2.5"	2.5"
Capacity	64GB-480GB	60GB-480GB
Read/Write (MB/s)	500/400	240/180
Dimensions (mm)	69.9x100.2x9.5	69.9x100.2x9.5
Part Number	FTMxxM325H	FTMxxM225H

MasterDrive SSD

Garbage Collection | Trim Support

The MasterDrive KX3 is a performance 1.8" Micro SATA II SSD. Featuring a 128MB internal cache, the MasterDrive KX3 delivers best in class performance. The MasterDrive KX3 can be built to handle extended temperature ranges from -40°C to 85°C. Encased in metal enclosure and designed with carefully selected extended thermal range components, the MasterDrive KX3 is engineered to withstand the full industrial temperature range.

Specification	MasterDrive KX3
Interface	SATA-II
Form Factor	1.8" Micro SATA
Capacity	32GB-256GB
Read/Write (MB/s)	250/130
Dimensions (mm)	54.0x78.5x5.0
Part Number	FUMxxG818H, FUMxxG818I (I-Temp)

Garbage Collection and TRIM Support

Garbage Collection

Garbage Collection is an odd term for a feature that will keep your SSD drive running at optimum performance throughout its life and Trim is its close companion. Both features run in the background, seeking out invalid blocks of data and preparing them to be written to both quickly and efficiently. While Trim requires Operating System awareness and currently only works with Windows 7, Windows Server 2008 RC2, Linux (kernel 2.6.33+), Garbage Collection does not require OS participation and will work with everything from XP, Vista, Linux, Macintosh, you name it. All of our 2.5" SSDs support both Garbage Collection and Trim to keep your drive running at its best.

Trim Support

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.

Navigation

Movies

Internet

Music

Mobile Computing

mSATA SSDs

Super Talent's JEDEC MO-300 compatible mSATA SSDs are perfect for systems with limited physical space, such as tablets – all without sacrificing performance. We also offer OEM customers the opportunity to customize the length and width of the PCB boards for their specific needs.

Specification	mSATA DX1 (MO-300)	mSATA mini SJ1 (MO-300)	mSATA 3 (MO-300)	mSATA (MO-300)
Interface	SATA-III	SATA-III	SATA-III	SATA-II
Form Factor	Mini PCIe	Mini PCIe	Mini PCIe	Mini PCIe
Capacities	30GB-120GB	16GB-64GB	30GB-120GB	16GB-128GB
Read/Write (MB/s)	400/300	300/100	550/500	160/80
Dimensions (mm)	50.8x29.85x4.85	29.85x26.8x4.85	50.8x29.85x4.85	50.8x29.85x4.85
Part Number	FM5xxxJCRM	FM2xxxJMRM	SGxxNx3SM	SGxxNx5SM

* Dimensions can be customized for OEMs.

Mini PCIe SSDs

Super Talent produces a selection of SSDs designed specifically for upgrading popular notebook models. Upgrading to an SSD provides shorter boot times, faster application loading, and less power consumptions.

SATA Mini 2 PCIe   CoreStore MV

Specification	SATA Mini 2 PCIe	CoreStore MV
Interface	SATA-II	PCIe Gen2x1
Form Factor	Mini PCIe	Mini PCIe
Capacity	16GB-128GB	16GB-128GB
Read/Write (MB/s)	150/100	350/220
Dimensions (mm)	69.5x32.1x3.5	50.8x29.85x4.85
Part Number	FPMxxGLSE	SRxxCxMME

DuraDrive SSDs

Super Talent's DuraDrive SSDs represent state-of-the-art storage solutions for industrial, medical, and embedded applications. These SSDs deliver unprecedented tolerances to vibration, shock, humidity, altitude, and temperatures while maintaining impressive speeds. Our industrial grade DuraDrive line is rigorously tested.

All terrain means our SSDs are durable
• Rated for industrial level temperatures (-40°C to 85°C)
• Integrated SPOR (Sudden Power Off Recovery) algorithm
• Withstands vibration and shock because it has no moving parts
• Supports various form factors to fit into your vehicle or device (2.5", 1.8", mini PCIe and custom BGA)

Specification	*DuraDrive AT6	*DuraNova III
Interface	SATA-III	SATA-III
Form Factor	2.5"	2.5"
Capacities	32GB-256GB	64GB-320GB
Read/Write (MB/s)	480/400	450/400
Dimensions (mm)	69.9x100.2x9.5	69.9x100.2x9.5
Part Number	FTMxxJB25I	FTMxxD325H

* Automotive SSDs

Specification	DuraDrive AT3	DuraDrive ET3	DuraDrive ET2	DuraDrive ZT3	DuraDrive ZT2
Interface	SATA-II	IDE/PATA	IDE/PATA	IDE/ZIF-40	IDE/ZIF-40
Form Factor	2.5"	2.5"	2.5"	1.8"	1.8"
Capacities	32GB-256GB	16GB-256GB	16GB-256GB	32GB – 128GB	16GB-256GB
Read/Write (MB/s)	250/170	130/120	125/110	125/110	125/110
Dimensions (mm)	69.9x100.2x9.5	69.9x100.2x9.5	69.9x100.2x9.5	52.0x70.0x5.1	52.0x70.0x5.1
Part Number	FTMxxG825I	FE8xxxMD2D	FHMxxGW25H	FZMxxGF18H	FZMxxGW18P

DISCLAIMER: Actual usable memory capacity may vary. 1MB equals 1 million bytes; 1GB equals 1 billion bytes.

NGFF Series

- **Perfect for high performance mobile computing**
- **SATA interface SSDs based on the M.2 form factor**
- **DX1 features an internal cache to further speed up application load times**

Super Talent's NGFF line features small form factor storage for use in mobile computing and with embedded applications. These NAND flash memory devices are ideal for use in medical equipment, mobile computing, and other uses requiring a small form factor.

This flash memory device has high reliability and performance for storage media. It consumes less power while being able to provide sufficient storage space to load an OS and serve as a bootable drive. Like all Super Talent products, the NGFF line delivers reliability and high performance.
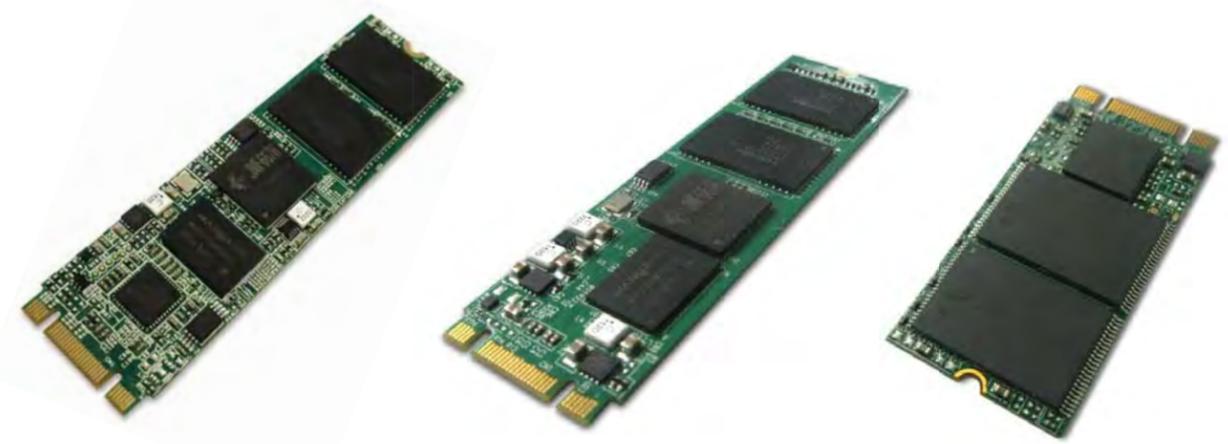
PCIe DX1   NGFF DX1   NGFF ST1

Embedded

Flash Disk Modules

Super Talent's line of SSDs also extends to small form factor systems. NAND Flash based Flash Disk Modules (FDMs) are well suited for a wide range of industrial and embedded computing applications. Laptops, surveillance equipment, medical instruments, and even point-of-sale terminals utilize these solutions every day.

Specification	PCIe DX1	NGFF DX1	NGFF ST1	7-pin SATA FDM
Interface	PCIe	SATA-III	SATA-II	SATA-II
Form Factor	NGFF (M.2)	NGFF (M.2)	NGFF (M.2)	SATA 7pin
Capacities	32GB-256GB	32GB-256GB	16GB – 128GB	4GB-128GB
Read/Write (MB/s)	380/380	480/400	250/80	165/125
Dimensions (mm)	22.0x80.0x3.5	22.0x80.0x3.5	22.0x42.0x3.5	55x33x7.5
Part Number	FN8xxxJ3RM	FN8xxxJCRM	FN4xxxMRRM	SMxxN757R/L

Specification	7-pin SATA FDM SJ1	7-pin SATA DOM	22-pin SATA Horizontal	USB 3.0 FDM	USB 3.0 FDM2
Interface	SATA-III	SATA-II	SATA-II	USB 3.0	USB 3.0
Form Factor	SATA 7pin	SATA 7pin	SATA 22pin	FDM	FDM
Capacities	8GB-64GB	4GB-32GB	4GB-128GB	8GB-32GB	8GB-32GB
Read/Write (MB/s)	300/100	40/30	165/125	85/40	84/40
Dimensions (mm)	55x33x7.5	21x34x7.5	55.2x30.0x10.6	32.2x26.2x4	45.0x14.5x3.1
Part Number	FF7/6xxxJMRM	SMxxNx57V	SMxxxx52H	ST3UxxFDM1	ST3UxxFDM2

USB 3.0 Express Dram ★ Disk ™

Exceptional combination of speed and portability!

- Plug & play
- Extremely Fast Speeds
- Ideal for Creative Professionals

IDE Flash Disk Modules

Super Talent's line of SSDs also extends to small form factor systems. NAND Flash based IDE Flash Disk Modules (FDMs) are well suited for a wide range of industrial and embedded computing applications. Laptops, surveillance equipment, medical instruments and even point-of-sale terminals utilize these solutions every day. The industry standard IDE connector plugs directly into a motherboard using a 40 or 44-pin IDE connector and uses a 5V power input.

Specification	40-pin IDE Horizontal	40-pin IDE Vertical	44-pin IDE Horizontal	44-pin IDE Vertical
Interface	IDE/PATA	IDE/PATA	IDE/PATA	IDE/PATA
Form Factor	FDM	FDM	FDM	FDM
Capacities	4GB-128GB	4GB-128GB	4GB-128GB	4GB-128GB
Read/Write (MB/s)	110/50	110/50	110/50	110/50
Dimensions (mm)	49.5 x 31.0	49.5 x 31.0	48.0 x 31.0	48.0 x 31.0
Part Number	SFxxAxF41	SFxxNxF40	SFxxNxF45	SFxxNxF44

DISCLAIMER: Actual usable memory capacity may vary. 1MB equals 1 million bytes; 1GB equals 1 billion bytes.

USB 3.0 Express Dram ★ Disk™ is ideal for using large programs or files, here's why:

• Extremely fast performance

- USB 3.0 flash drive form
- Read/write speeds of 4041/5388 MB/s
- Drastically decreases transfer times from computer to USB

• Incredible Reliability & Design

- Built in ECC and bad block management
- Compatible with USB 2.0
- Sleek aluminum casing with key ring

USB 3.0 Express Dram ★ Disk™   Traditional Flash Drive
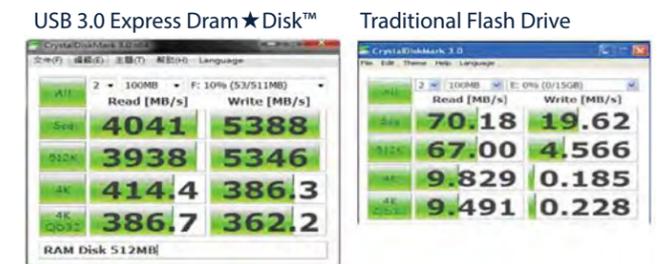
Test Environment
Test System:
1. Motherboard: ASUS P6X58P
2. CPU: Intel (R) Core i7 CPU 975 @3.33GHZ
3. Memory: 4096M DDR3
4. O/S: Windows 7 64Bit
Test Program: Crystal Disk Mark 3.0

"Using memory, most commonly referred to as ram disks, to improve system performance is not new by any means, however, lack of simplicity has kept this from becoming popular. Super Talent has done very well here."
– The SSD Review, September 2013, Editor's Choice Award.

For more information visit www.dramdisk.com

SSD Performance & Reliability...
USB 3.0 Drives

Super Talent is committed to the USB 3.0 standard and offers a large selection of USB 3.0 flash drives. Whether you need speed, style, security, or affordability, you'll find the right drive for you at Super Talent.

Express RC4
4 -CH SSD performance

Up to
Read **320**
Write **120**
(MB/s)

Express Dram★Disk™
A solid combination of extreme speed and usability.

Up to
Read **4041**
Write **5388**
(MB/s)

SuperCrypt
8-CH SSD Hardware Encrypted Performance

Up to
Read **240**
Write **170**
(MB/s)

SuperCrypt Pro
8-CH Extreme Hardware Encrypted Performance

Up to
Read **240**
Write **170**
(MB/s)

Express RAM Cache
4-CH Flash drive with DRAM Caching system

Up to
Read **130**
Write **60**
(MB/s)

USB 3.0 DataGuardian
Built-in password protection

Up to
Read **85**
Write **40**
(MB/s)

Express ST2
USB 3.0 Performance at USB 2.0 Price

Up to
Read **67**
Write **24**
(MB/s)

Express ST1
Capless, slider design

Up to
Read **67**
Write **24**
(MB/s)

■ Cache	■ Secure	■ 8 Channel	■ 4 Channel	■ 2 Channel	■ 1 Channel

What's a channel?
A channel of flash is a unit of flash memory in the USB drive. Having more channels means the drive can have more capacity and an increase in performance. Performance varies depending on drive capacity, system configuration, application and other factors.

USB 3.0 Express Motile

USB 3.0 Express Motile combines USB 3.0 and microUSB technology into a single compact portable connector. Transferring data between a portable device and an USB is easy with the USB 3.0 Express Motile!

Features
• USB 3.0, microUSB interfaces
• Compatible with many portable devices
• Able to transfer and store data on the device

Express RC4

The USB 3.0 Express RC4 is an ultimate combination of speedy performance, price, and usability. The RC4's boot time is incredibly quick to deliver the best performance experience for the user.

Features
• Certified for Windows To Go
• 4-channel flash architecture
• Supports employee workforce deployments

Windows 8 Compatible

DataGuardian

The affordable and easy-to-use USB 3.0 DataGuardian features built-in password protection to help keep your files and private data secure, even if the drive is lost or stolen.

Features
• Built in password protection – no extra downloads or installations necessary
• Stops auto-run malware attacks
• ECC and bad block management
• Budget friendly

Super Talent Wi-Cap

The Super Talent Wi-Cap gives you the ability to share files, photos, music, and videos with nearby devices over its own wireless network. The Wi-Cap is compatible with use on laptops, tablets, and smartphones, and with a variety of browsers and operating systems.

Features
• Compatible with 802.11a/b/g/n and USB 2.0 interface
• Password protection
• External microSD slot and USB cable included

USB 3.0 Pico Series

Amazingly small in size, the USB 3.0 Pico packs an incredible amount of capacity into its compact, stylish casing. The USB 3.0 Pico drive is great for storing data, digital images, and videos. The design includes a space for attaching a keychain, lanyard, necklace chain, or other accessory. Water resistant and backwards compatible with USB 2.0, the USB 3.0 Pico is perfect for those seeking a versatile flash drive.

- Capacity: 16GB - 64GB
- Dimension: 33 X 12.3 X 4.6 mm
- Read: 72MB/s, Write: 28MB/s

Capacity	Part Number
16GB	ST3U16PICO
32GB	ST3U32PICO
64GB	ST3U64PICO

Pico Series

• Weight less than 6g
• Fully compatible with USB 2.0 and 1.1
• Water resistant
• Over 80 press awards to date

- World's smallest
64GB USB Drive...

Pico series USB drives are incredibly small and stylish flash drives offered in 2GB to 64GB capacities. You can easily attach it to your keychain and take your files with you wherever you go or plug it into a USB enabled car stereo and enjoy your music. Pico drives are water resistant too.

Pico A
-Swivel Lid
38.7 x 12.4 x 3.9mm

Pico B
- Retractable
31.8 x 18.8 x 4.4mm

Pico C
- Ultra Small Capless
31.3 x 12.4 x 3.4mm

Pico C Gold
- Ultra Small Capless
31.3 x 12.4 x 3.4mm

Pico C Nickel
- Ultra Small Capless
31.3 x 12.4 x 3.4mm

Pico D
-Swivel Lid
39.7 x 13.5 x 4.9mm

Pico E
- Sliding lid
34.8 x 15.8 x 5.2mm

Pico E Gold
- Sliding lid
34.8 x 15.8 x 5.2mm

Ordering Information

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

Pico mini USB Drives

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

Pico mini A
Dimension: 31.8 x 15.0 x 3.2 mm

Pico mini B
Dimension: 30.5 x 15.4 x 3.4 mm

Pico mini C
Dimension: 31 x 16.2 x 5.2 mm

Pico mini D
Dimension: 30.5 x 15.4 x 3.9 mm

· Water resistant
· Pico mini A (pink, green, blue, black)
· Pico mini B (pink, green, blue, grey)
· Pico mini C (slide design)
· Pico min D (retractable design)

Ordering Information

	Pico mini A	Pico mini B	Pico mini C	Pico mini D
2GB	STU2GMAP	STU2GMBP	STU2GMCK	STU2GMDU
4GB	STU4GMAG	STU4GMBG	STU4GMCK	STU4GMDU
8GB	STU8GMAB	STU8GMBB	STU8GMCK	STU8GMDU
16GB	STU16GMAK	STU16GMBK	STU16GMCK	STU16GMDU
32GB	STU32GMAK	STU32GMBK	STU32GMCK	STU32GMDU

USB Flash Drives   *Elite Series, Eco Series*

M1 Capacity: 4GB - 16GB
Dimension: 22.6 x 14.9 x 8.5mm

Ordering Information

Capacity	M1
4GB	STU4GM1W
8GB	STU8GM1W
16GB	STU16GM1W

Eco Swivel Capacity: 2GB - 64GB
Dimension: 66 x 18 x 12 mm

Ordering Information

Capacity	Black	Red	Silver
2GB	STU2GSWD-K	STU2GSWD-R	TU2GSWD-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

CKB Capacity: 2GB - 32GB
Dimension: 40 x 25.9 x 3.7mm

Ordering Information

Capacity	Silver	Nickel
2GB	STU2GCKBS	STU2GCKBN
4GB	STU4GCKBS	STU4GCKBN
8GB	STU8GCKBS	STU8GCKBN
16GB	STU16GCKBS	STU16GCKBN
32GB	STU32GCKBS	STU32GCKBN
64GB	STU64GCKBS	STU64GCKBN

RM Capacity: 2GB - 32GB
Dimension: 57.6 x 19 x 10.4 mm

Ordering Information

Capacity	Black	Blue	Red	White
2GB	STU2GRMBK	STU2GRMBL	STU2GRMRR	STU2GRMRW
4GB	STU4GRMBK	STU4GRMBL	STU4GRMRR	STU4GRMRW
8GB	STU8GRMBK	STU8GRMBL	STU8GRMRR	STU8GRMRW
16GB	STU16GRMBK	STU16GRMBL	STU16GRMRR	STU16GRMRW
32GB	STU32GRMBK	STU32GRMBL	STU32GRMRR	STU32GRMRW
64GB	STU64GRMBK	STU64GRMBL	STU64GRMRR	STU64GRMRW

RM2 Capacity: 2GB - 32GB
Dimension: 61 x 19 x 11.6 mm

Ordering Information

Capacity	Black	Blue	Red	White
2GB	STU2GRM2-K	STU2GRM2-B	STU2GRM2-R	STU2GRM2-W
4GB	STU4GRM2-K	STU4GRM2-B	STU4GRM2-R	STU4GRM2-W
8GB	STU8GRM2-K	STU8GRM2-B	STU8GRM2-R	STU8GRM2-W
16GB	STU16GRM2-K	STU16GRM2-B	STU16GRM2-R	STU16GRM2-W
32GB	STU32GRM2-K	STU32GRM2-B	STU32GRM2-R	STU32GRM2-W
64GB	STU64GRM2-K	STU64GRM2-B	STU64GRM2-R	STU64GRM2-W

To see more USB series, please visit
www.supertalent.com

Flash Media Cards

Super Talent offers a full range of flash media cards to suit all your mobile storage needs. These products are extensively tested to ensure compatibility with a wide range of consumer gadgets.

MicroSD Cards - Class 10

About four times smaller than the average SD card, the MicroSD card is primarily used with mobile handsets, the MicroSD Card also is supported by a variety of hand-held GPS devices, portable audio players, video game consoles and expandable USB flash memory drives.

Capacities:	4GB, 8GB, 16GB, 32GB
Technical Details:	- Power requirements: 2.7V to 3.6V - Operating temperature: -25° to 85° C - Dimensions (approx.): 11mm x 15mm x 1mm - Weight: 0.5g - Optional SD adapter for use in SD devices

MicroSD Cards - Class 4

MicroSDHC cards are the same size as a MicroSD card but have the ability to store high-resolution images or videos. This ability allows the MicroSDHC to fit the needs of mobile enthusiasts.

Capacities:	2GB*, 4GB, 8GB, 16GB, 32GB
Technical Details:	- Power requirements: 2.7V to 3.6V - Operating temperature: -25° to 85° C - Dimensions (approx.): 11mm x 15mm x 1mm - Weight: 0.5g - Optional SD adapter for use in SD devices

*2GB capacities are non-speed rated

**Approximations: results will vary based on file size, resolution, compression, bit rate, content, host device, pre-loaded files, and other factors.

• CFast Pro

CFast Pro cards are a 4x improvement in speed over the fastest 600x CF cards. With that kind of speed, photo and video capturing and download times are dramatically reduced. The CFast Pro card is great for use in high definition digital SLR and video cameras.

Capacities:	8GB, 16GB, 32GB
Speeds:	Up to 300MB/sec Read, Up to 50MB/sec Write
Technical Details:	• Flash type: MLC, SLC • Dimensions (approx.): 36.4x42.8x3.3mm • SATA III interface

• CFast

Super Talent's CFast card are up to 50% faster than traditional Compact Flash cards, so you can take a series of pictures without waiting between shots and copy them to your computer faster.

Capacities:	16GB, 32GB, 64GB
Speeds:	Up to 100MB/sec Read, up to 95MB/sec Write
Technical Details:	• Flash type: MLC, SLC • Impact resistant - operating shock rating of 2,000Gs • Power requirements: 3.3V • Supports ATA command set • Dimensions (approx.): 42.8 x 36.4 x 3.3mm • Weight: 13g (max) • Operating temperature: 0°C to 70°C • Storage temperature: -20°to 85° C • SATA II (3Gbps) interface

Packaging:

Dimension:
124 x 89.5 x 6.5 mm

• High Speed CF Cards
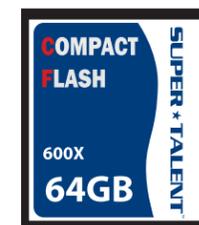
Fast and reliable, CF cards can be used in digital SLR cameras, digital video camcorders, as well as industrial applications.

Capacities:	4GB, 8GB, 16GB, 32GB, 64GB
Speeds:	600x, 533x, 300x, 80x
Technical Details:	• Impact resistant - operating shock rating of 2,000Gs • Power requirements: 3.3V or 5.0V • Supports ATA command set • Dimensions (approx.): 42.8 x 36.4 x 3.3mm • Weight: 13g (max)

• I-Temp CF Cards

Specifically designed for harsh operating conditions, Super Talent I-Temp CF cards are perfect for industrial applications and embedded systems.

Capacities:	2GB, 4GB, 8GB, 16GB, 32GB
Speeds:	300x
Technical Details:	• Impact resistant - operating shock rating of 2,000Gs • Operating temperature: -40° to 85° C • Power requirements: 3.3V or 5.0V • Supports ATA command set • Dimensions (approx.): 42.8 x 36.4 x 3.3mm • Weight: 13g (max)

Memory you can depend on

- ✔ **Desktop Memory**
- ✔ **Server Memory**
- ✔ **Network Memory**
- ✔ **Laptop Memory**
- ✔ **Apple Memory**

Designed in compliance with JEDEC specifications, Super Talent DRAM modules deliver unparalleled performance and reliability. The secret lies in using high-quality major brand components and rigorously testing all our memory modules. We offer a wide selection of server, network, desktop, notebook, Apple®, and green memory modules to meet the needs of different customers.

Our selection includes:
- DDR, DDR2, DDR3
- RDIMM, ECC UDIMM, VLP UDIMM, SODIMM, UDIMM, VLP-RDIMM
- Space and material saving modules
- Low power consumption modules starting at 1.35V
- Speeds from 1333MHz and 1600MHz to 2400MHz
- Sizes from 1GB to 32GB and available in dual and triple channel kits

We test for:
- Reliability under stress
- Compliance with JEDEC standards
- Apple compatibility
- The highest performance at the lowest latencies

Super Talent Designs
the latest DRAM Memory...

Server Memory

DDR3 ECC Registered
Capacities: 1, 2, 4, 8, 16, & 32GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, & 1600MHz
*VLP option available

DDR3 ECC UDIMM
Capacities: 1, 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, & 1600MHz
*VLP option available

DDR2 ECC Registered (Legacy Product)
Capacities: 256MB – 4GB
Voltage support: 1.8V
Speeds: 400, 533, 667, &800MHz
*VLP option available

DDR ECC Registered (Legacy Product)
Capacities: 128MB – 2GB
Voltage support: 2.5V
Speeds: 266, 333, & 400MHz
*Dual Channel kits available

Network/ µServer/ Mini-Server Memory

DDR3 Mini-DIMM
Capacities: 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, & 1600MHz
*Registered or ECC unbuffered DIMMs

DDR3 SO-DIMM
Capacities: 1, 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, 1600MHz
*Registered or ECC unbuffered DIMMs

Desktop Memory

DDR3 UDIMM
Capacities: 1, 2, 4, 6, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, 1600MHz
*Dual, Triple, and Quad Channel kits available

Laptop Memory

DDR3 SO-DIMM
Capacities: 1, 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, 1600MHz

Apple® Memory

DDR3 SO-DIMM
(for Mac Mini, MacBook Pro, & iMac)
Capacities: 1, 2, 4, & 8GB
Voltage support: 1.35V, 1.5V
Speeds: 1066, 1333, 1600MHz
*Certified in Apple Compatibility Labs

DDR3 ECC UDIMM
(for Mac Pro)
Capacities: 1, 2, 4, & 8GB
Voltage support: 1.5V
Speeds: 1066& 1333MHz
*Certified in Apple Compatibility Labs

Do more with less.
Green Memory

- Uses nearly 40% less PCB material than a standard-height module
- Requires less cooling
- Fully JEDEC compliant and 100% tested
- Low Voltage (1.35V)

Leading studies suggest that the explosive growth in computing power has been matched by growing power demands and cooling costs. Experts predict that power-related costs of data centers will soon be greater than the cost of IT equipment itself. This led us to create a line of green memory that uses fewer raw materials, consumes less energy,and requires less cooling, with absolutely no tradeoffs in performance or price.When multiplied by the hundreds of thousands of memory modules we produce monthly, this has an enormous environmental impact.

Our selection of Green Memory includes:

- DDR2 & DDR3 modules
- Energy saving 1.35V DDR3 DIMMs (backward compatible in 1.5V systems)
- Very Low Profile modules (0.72"/0.74" tall) perfect for blade systems
- Support for speeds of 800MHz – 1600MHz (DDR3) and 400MHz – 800MHz (DDR2)
- Densities up to 8GB (DDR3) and 4GB (DDR2)

VLP memory (left) vs.
standard memory (right)

VLP DDR3 RDIMM

VLP DDR3 SODIMM

VLP DDR3 ECC UDIMM

VLP DDR2 RDIMM

Apple® Memory

Super Talent has Apple-approved DIMMs!
Guaranteed 100% Compatible!

Super Talent memory modules are designed for 100% compatibility with Mac® computers. We test our memory on all the leading Apple systems in Apple's Compatibility Lab.

Apple DDR3 Memory

DDR3 Apple-approved DIMMs

Mac Mini	**iMac**	**Mac Pro**
(1.66/1.83GHz, Core2 Duo 2.0/2.26GHz)	(Intel Core2 Duo 20/24/27-inch DDR3)	(MC561)
Up to 2GB DDR3 1066MHz SO-DIMM	Up to 8GB DDR3 1600MHz SO-DIMM *1.35V modules available	Up to 8GB DDR3 1333MHz ECC UDIMM

13" MacBook Pro	**15" MacBook Pro**	**17" MacBook Pro**
(MC700, MC724, MD101)	(MD104)	(MC725)
Up to 8GB DDR3 1600MHz SO-DIMM *1.35V modules available	Up to 8GB DDR3 1600MHz SO-DIMM *1.35V modules available	Up to 4GB DDR3 1333MHz SO-DIMM

Apple-compatible DDR2 DIMMs

MacBook/MacBook Pro	**iMac G5**
1& 2GB DDR2 SO-DIMM	1 & 2GB DDR2 UDIMM

DISCLAIMER: Actual usable memory capacity may vary. 1MB equals 1 million bytes; 1GB equals 1 billion bytes.