

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 manufacturers 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.

2013 Product Overview

	<p>Enterprise Solutions</p>		<p>Consumer</p>
<p>Automotive & Industrial Grade</p>		<p>Mobile Computing</p>	
	<p>Embedded</p>		<p>USB 3.0 Flash Drives</p>
<p>DRAM Modules</p>		<p>Flash Media Cards</p>	

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

Corporate Headquarters

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www.supertalent.com





Your Source for Quality...

Flash & DRAM Products...

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MEMORY PRODUCTS

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* 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

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

* Taiwan Patents
164,796 ; 095,968 ; 145,103 ; 178,818 ; 178,779 ; 178,845 ; 206,035 ; 216,173 ; 216,933 ; 201,112 ; 246,923 ; 205,100 ; 230,947 ; 1252,981 ; 1264,152 ; 1264,678

*China Patents:
107,391 ; 255,645

Solid State Drives



Enterprise Solutions



Consumer



Mobile Computing



Industrial Grade



Embedded

USB 3.0 Flash Drives



Express RC4



Express RC8



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

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.



Enterprise Solutions

- RAIDDrive SSDs
- TeraDrive SSDs



Consumer

- UltraDrive SSDs
- VSSD Plus
- MasterDrive SSD



Mobile Computing

- mSATA
- Mini PCIe SSDs



Automotive & Industrial Grade

- DuraDrive SSDs



Embedded

- SATA Flash Disk Modules
- IDE Flash Disk Modules

*The Broadest Portfolio
in the Industry...*



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 Plus

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



UpStream II

- Smaller form factor to fit 1U/2U/3U
- Max Speed: Read up to 1.5GB/s, Write up to 1.2GB/s
- Capacities up to 1TB

Specification	RAIDDrive GS	RAIDDrive II Plus	RAIDDrive II	UpStream II
Interface	PCIe	PCIe	PCIe	PCIe
Form Factor	PCIe x 8 (Gen1)	PCIe x 8 (Gen2)	PCIe x 8 (Gen2)	PCIe x 8 (Gen2)
Capacities	256GB-2TB	480GB-2TB	480GB-2TB	220GB-1TB
Read/Write (MB/s)	1400/1200	3200/3200	2400/2800	1500/1200
Dimensions (mm)	255x107x25.4	231.5x94x20.6	231.5x94x20.6	167.64 x 98.4
Part Number	RGSxxxx	FP8xxxL4Rx	R2Sxxxx1	FP8xxxL3RM

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

Enterprise Solutions



TeraDrive SSDs



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.

Specification	TeraNova	TeraDrive CT4
Interface	SATA-III	SATA-III
Form Factor	2.5"	2.5"
Capacity	60GB-480GB	64GB - 512GB
Read/Write (MB/s)	540/520	500/400
Dimensions (mm)	69.85x100.2x7	69.85x100.2x7
Part Number	FTMxxN325H	FTMxxJA25H

Features

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

Garbage Collection and TRIM Support

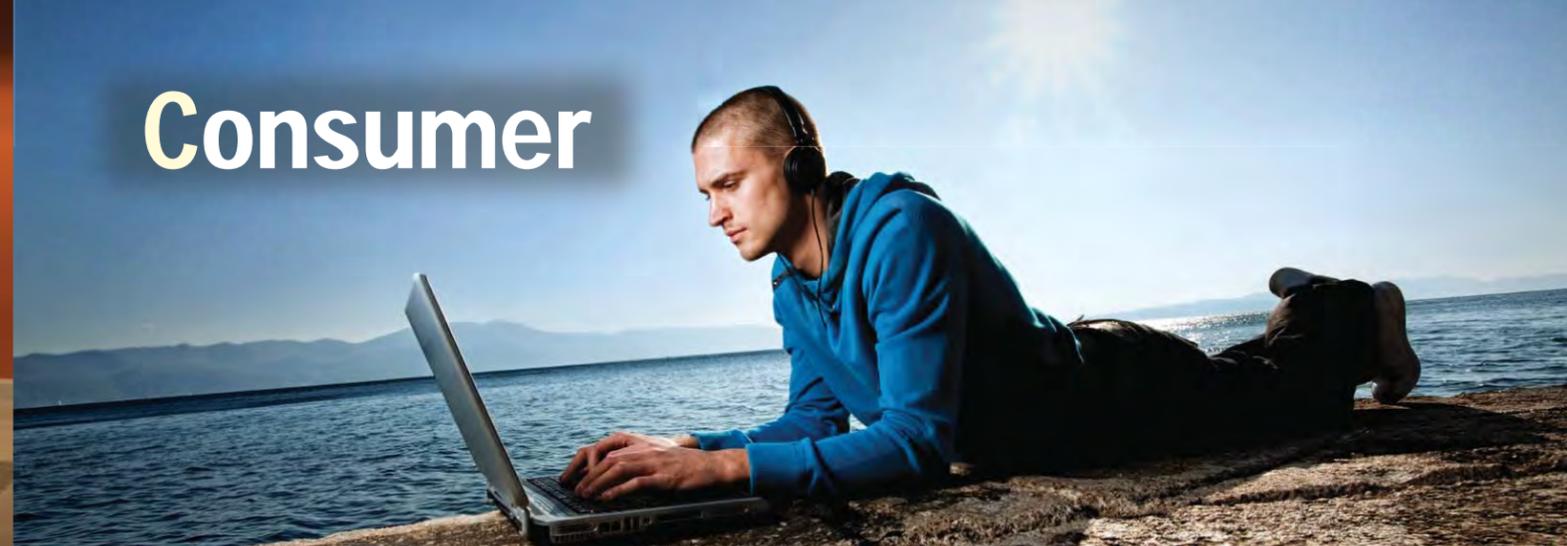


Garbage Collection is an odd term for a feature that will keep your SSD drive running at optimum performance throughout its life and Trim is its close companion. Both features run in the background, seeking out invalid blocks of data and preparing them to be written to both quickly and efficiently. While 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 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.

Consumer



UltraDrive SSDs

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.



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

VSSD Plus

The Super Talent VSSD Plus brings performance and solid-state technology together at an incredible price. The VSSD Plus has read/write speeds of up to 300/100(MB/s) – up to 3x faster than the previous generation VSSDs. The VSSD Plus allows consumers to enter the SSD world on a limited budget while still enjoying the performance and reliability gains that SSDs bring to computers.



Features

- Budget friendly
- Enterprise level quality and reliability
- Up to 300 read, 100 write (MB/s)
- Capacities up to 128GB

Specification	VSSD Plus
Interface	SATA-III
Form Factor	2.5"
Capacity	8GB-128GB
Read/Write (MB/s)	300/100
Dimensions (mm)	69.9x100.2x9.0
Part Number	FTMxxxJM2T

MasterDrive SSD



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)



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	FM5xxJCRM	FM2xxJMRM	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

Automotive SSDs



Navigation



Movies



Internet



Music



Super Talent is already on the road!

- Major manufacturers have already qualified our product for their IVI (in-vehicle infotainment) systems
- Our SSDs are currently in mass production to meet your needs today

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)

Standard SSD options

- Capacities from 4GB to 240GB
- Built in ECC (error correcting code) for reliability
- Lasts longer using the wear leveling algorithm
- Currently supports Windows CE operating system
- Android, GENIVI and MeeGo support coming soon
- Available in MCP (multi-chip packaging) for a smaller footprint in your system

Product lines:



DuraDrive AT6 (SATA III)



DuraNova III (SATA III)



Front

Back

MCP

SSDs perform at highway speeds

- Uses high bandwidth connections such as SATA II
- High read/write speeds

Automotive & Industrial Grade



Embedded



USB/SATA 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.

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.



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

Specification	NGFF DX1	NGFF ST1	7-pin SATA FDM	7-pin SATA FDM SJ1	7-pin SATA DOM	22-pin SATA Horizontal
						
Interface	SATA-III	SATA-II	SATA-II	SATA-III	SATA-II	SATA-II
Form Factor	NGFF (M.2)	NGFF (M.2)	SATA 7pin	SATA 7pin	SATA 7pin	SATA 22pin
Capacities	32GB-256GB	32GB-128GB	4GB-128GB	8GB-64GB	4GB-32GB	4GB-128GB
Read/Write (MB/s)	480/400	170/60	165/125	300/100	40/30	165/125
Dimensions (mm)	22.0x80.0x3.5	22.0x42.0x3.5	55x33x7.5	55x33x7.5	21x34x7.5	55.2x30.0x10.6
Part Number	FN8xxxJCRN	FN4xxxMRRN	SMxxN757R/L	FF7/6xxxJMRRM	SMxxNx457V/H	SMxxxx52H

Specification	DuraNova III	DuraDrive AT3	DuraDrive ET3	DuraDrive ET2	DuraDrive ZT2
					
Interface	SATA-III	SATA-II	IDE/PATA	IDE/PATA	IDE/ZIF-40
Form Factor	2.5"	2.5"	2.5"	2.5"	1.8"
Capacities	64GB-320GB	32GB-256GB	16GB-256GB	16GB-256GB	16GB-256GB
Read/Write (MB/s)	450/400	250/170	130/120	125/110	125/110
Dimensions (mm)	69.9x100.2x9.5	69.9x100.2x9.5	69.9x100.2x9.5	69.9x100.2x9.5	52.0x70.0x5.1
Part Number	FTMxxD325I	FTMxxG825I	FE8xxxMD2D	FHMxxGW25H	FZMxxGW18P

Specification	USB 3.0 FDM	USB 3.0 FDM2	USB 2.0 FDM	USB 2.0 DOM1	USB 2.0 DOM2
					
Interface	USB 3.0	USB 3.0	USB 2.0	USB 2.0	USB 2.0
Form Factor	FDM	FDM	FDM	FDM	FDM
Capacities	8GB-32GB	8GB-32GB	8GB-32GB	4GB-32GB	4GB-32GB
Read/Write (MB/s)	85/40	84/40	25/10	25/10	25/10
Dimensions (mm)	32.2x26.2x4	45.0x14.5x3.1	35.0 x 21.4 (H) 45.9 x 19.3 (V)	35.0x14.0x5.2	45.0x14.0x3.1
Part Number	ST3UxxFDM1	ST3UxxFDM2	FLMxxGQ09(V/HA/HB)	ST2UxxFDM1	ST2UxxFDM2

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

Embedded



Always have your desktop with you

Super Talent Express RC4 with Windows To Go



Certified Bootable Flash Drive for Windows To Go

- Exceptional booting speeds
- Certified for Windows To Go
- Accelerated application performance



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	SFxxNxW41	SFxxNxW40	SFxxNxW45	SFxxNxW44

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

Certified by Microsoft, the Super Talent Express RC4 is an excellent drive for Windows To Go. Here's why . . .

Blazing fast all-around performance.

- Features an 4-channel architecture, DRAM caching system, and a SSD Processor – it's really a solid-state drive in USB 3.0 flash drive form
- Fast 4k block reads for shorter boot times and faster application loading
- Up to 320/120MB/s sequential read/write speeds

Unparalleled reliability.

- Over-provisioned by 10%
- Built in ECC/EDC functionality
- S.M.A.R.T. Command technology
- Global wear-leveling algorithm to increase the lifespan of each block

Exceptional legacy performance.

- USB 2.0 backwards compatible
- Fills the USB 2.0 bus to its capacity 4K random write speeds of 32MB/s



For more information visit www.supertalent.com/WTG

Windows to Go must be used with PCs that meet the Windows 7 or Windows 8 certification requirements.

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



Express RC8

8-CH SSD Performance with SandForce® Write Acceleration



SuperCrypt

8-CH SSD Hardware Encrypted Performance



SuperCrypt Pro

8-CH Extreme Hardware Encrypted Performance



Express RAM Cache

4-CH Flash drive with DRAM Caching system



USB 3.0 DataGuardian

Built-in password protection



Express ST2

USB 3.0 Performance at USB 2.0 Price



Express ST1

Capless, slider design



- 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.

Express RC8



Using 8 channels of flash and featuring enterprise level provisioning, the Express RC8 is a SSD in USB 3.0 flash drive form factor.

Features

- Full 8-channel SSD architecture
- Enterprise level provisioning
- Certified for Windows To Go



Watch the video



SuperCrypt Pro



The USB 3.0 SuperCrypt Pro combines SSD speeds with hardware to create a high performance drive that helps keep your data safe. This device is available in capacities of 32GB up to 256GB.

Features

- 8 channel SSD controller
- 64MB cache support
- All data written is automatically encrypted

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

WiFi Drive



The Wifi Drive helps you to easily connect to a remote or local network and can be managed from a web browser.

Features

- Supports DHCP Server and WEBAV Server
- Support management WIFI WEP Key and Wifi Channel
- USB 2.0 interface

USB 3.0 Pico Series - *World's smallest USB 3.0 Drive*

The popular Pico USB series is now available in USB 3.0! Water resistant and conveniently sized for easy transport, the USB 3.0 Pico collection is perfect for storing music, photos, documents, and video.



- 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

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		
C Gold		STU4GPCG	STU8GPCG	STU16GPCG	STU32GPCG	
C Nickel	STU2GPCN	STU4GPCN	STU8GPCN	STU16GPCN	STU32GPCN	
D	STU2GPDS	STU4GPDS	STU8GPDS	STU16GPDS		STU64GPCG
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 mini D (retractable design)

Ordering Information

	Pico mini A	Pico mini B	Pico mini C	Pico mini D
2GB	STU2GMAP	STU2GMBP	STU2GMCK	STU2GMDU
4GB	STU4GMAG	STU4GMBP	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	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



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

Ordering Information

Capacity	Silver	Nickel
2GB	STU2GCKB5	STU2GCKBN
4GB	STU4GCKB5	STU4GCKBN
8GB	STU8GCKB5	STU8GCKBN
16GB	STU16GCKB5	STU16GCKBN
32GB	STU32GCKB5	STU32GCKBN
64GB	STU64GCKB5	STU64GCKBN



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

Ordering Information

Capacity	Black	Blue	Red	White
2GB	STU2GRMBK	STU2GRMBL	STU2GRMR	STU2GRMRW
4GB	STU4GRMBK	STU4GRMBL	STU4GRMR	STU4GRMRW
8GB	STU8GRMBK	STU8GRMBL	STU8GRMR	STU8GRMRW
16GB	STU16GRMBK	STU16GRMBL	STU16GRMR	STU16GRMRW
32GB	STU32GRMBK	STU32GRMBL	STU32GRMR	STU32GRMRW
64GB	STU64GRMBK	STU64GRMBL	STU64GRMR	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



Achieve fast read/write speeds with Super Talent's Class 10 MicroSD cards. Available in up to 32GB capacities.

Capacities:	4GB, 8GB, 16GB, 32GB
Technical Details:	<ul style="list-style-type: none"> - 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



The incredibly small MicroSD cards are great for increasing the storage capacity of your phone, tablet, or other device.

Capacities:	2GB*, 4GB, 8GB, 16GB, 32GB
Technical Details:	<ul style="list-style-type: none"> - 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:	<ul style="list-style-type: none"> • Flash type: MLC, SLC • Dimensions (approx.): 36.4x42.8x3.3mm • SATA III interface

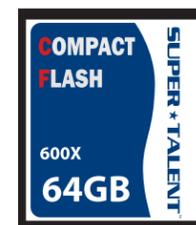
• CFast



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:	<ul style="list-style-type: none"> • 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

• 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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)

Packaging:



Dimension:
124 x 89.5 x 6.5 mm

Memory you can depend on



- ✓ Server Memory
- ✓ Network Memory
- ✓ Desktop 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
- Reliability under stress

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



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

(1.66/1.83GHz, Core2 Duo 2.0/2.26GHz)
Up to 2GB DDR3 1066MHz SO-DIMM

iMac

(Intel Core2 Duo 20/24/27-inch DDR3)
Up to 8GB DDR3 1600MHz SO-DIMM
*1.35V modules available

Mac Pro

(MC561)
Up to 8GB DDR3 1333MHz ECC UDIMM

13" MacBook Pro

(MC700, MC724, MD101)
Up to 8GB DDR3 1600MHz SO-DIMM
*1.35V modules available

15" MacBook Pro

(MD104)
Up to 8GB DDR3 1600MHz SO-DIMM
*1.35V modules available

17" MacBook Pro

(MC725)
Up to 4GB DDR3 1333MHz SO-DIMM

Apple-compatible DDR2 DIMMs

MacBook/MacBook Pro

1 & 2GB DDR2 SO-DIMM

iMac G5

1 & 2GB DDR2 UDIMM

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