



SSD (Solid State Drives)

154 Results for "ssd (solid state drives)"

154 Product(s) found





Selected Refinements:

SSD (SOLID STATE DRIVES) X

Sort by: Most Popular

Include out of stock items

Items per page: 96

Page 1 2 >

Clear All

AVAILABILITY

154 items in-stock in Santa Clara

Include out of stock items

SELECT CATEGORY

SSD (Solid State Drives) (154)

PRICE RANGE

\$ 0 \$ 1400



APPLY FILTER

FILTER RESULTS

SUBCATEGORY

- Internal (92)
- External (61)

VALUABLE LINKS

- New (150)
- Best For Business (4)
- Open Box (1)

DEALS

- Top Deals (7)
- Specials (2)

BRAND

- Corsair (4)
- Crucial (26)
- Inland (22)
- Lexar (13)
- PNY (6)
- Samsung (2)
- Sandisk (28)
- Seagate (5)
- SK Hynix (4)
- TeamGroup (2)

+ MORE

AVERAGE RATING

- 5 Stars (73)
- 4 Stars (39)
- 3 Stars (6)
- 1 Star (2)

CAPACITY

- 2TB to 2.9TB (44)
- 1TB to 1.9TB (51)
- 4TB to 5.9TB (34)
- 500GB to 749GB (9)
- 8TB to 9.9TB (9)
- 250GB to 499GB (3)
- 150GB to 249GB (1)
- 3TB to 3.9TB (1)
- 6TB to 7.9TB (1)



SKU: 516120 ☐ Compare
Samsung 990 PRO 2TB Samsung V NAND 3-bit MLC PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 4.9 25+ IN STOCK

\$229.99 \$269.99

QUICK VIEW

ADD TO CART

In Store Only

SKU: 757658 ☐ Compare
Crucial P310 1TB 232L Micron QLC NAND PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 4.5 25+ IN STOCK

\$106.99 \$119.99

QUICK VIEW

ADD TO CART

In Store Only

SKU: 621888 ☐ Compare
Samsung 990 PRO 4TB Samsung V NAND TLC NAND PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 4.9 25+ IN STOCK

\$419.99 \$459.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 815241 ☐ Compare
Samsung 9100 PRO 4TB Samsung V NAND TLC NAND (V8) PCIe Gen 5 x4 and PCIe Gen 5 x4 NVMe M.2 Internal SSD

★★★★★ 4.9 25+ IN STOCK

\$469.99 \$549.99

QUICK VIEW

ADD TO CART

In Store Only

SKU: 618058 ☐ Compare
SK Hynix Platinum P41 2TB 176L 3D TLC NAND Flash PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 4.8 25+ IN STOCK

\$219.99 \$299.99

QUICK VIEW

ADD TO CART

In Store Only

SKU: 749895 ☐ Compare
WD Black SN850X 8TB 3D TLC NAND Flash PCIe Gen 4 x4 NVMe M.2 2280 Internal SSD



★★★★★ 5.0 7 IN STOCK

\$799.99 \$1,126.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 216952

☐ Compare

Samsung 870 EVO 1TB SSD 3-bit MLC V-NAND
SATA III 6Gb/s 2.5" Internal Solid State Drive

★★★★★ 4.8

9 IN STOCK



\$124.99

\$159.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 661249

☐ Compare

Inland Platinum 4TB SSD 3D QLC NAND SATA III
6Gb/s 2.5" Internal Solid State Drive

★★★★★ 4.7

8 IN STOCK



\$279.99

\$599.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 357236

☐ Compare

Inland Platinum 256GB SSD 3D TLC NAND SATA
III 6Gb/s 2.5" Internal Solid State Drive

★★★★★ 4.5

25+ IN STOCK



\$36.99

\$59.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 691840

☐ Compare

WD BLACK SN850X 2TB 112-Layer BiCS5 TLC
NAND PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 4.3

25+ IN STOCK



\$239.99

\$337.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 663526

☐ Compare

WD Black SN770M 1TB 3D TLC NAND Flash PCIe
Gen 4 x4 NVMe M.2 2230 Internal SSD

★★★★★ 4.2

2 IN STOCK



\$109.99

\$202.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 893735

☐ Compare

WD Black SN7100 4TB 3D TLC NAND PCIe Gen 4
x4 NVMe M.2 Internal SSD

★★★★★ 5.0

9 IN STOCK



\$389.99

\$546.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 755025

☐ Compare

WD Blue SA510 2TB SSD TLC NAND SATA III
6Gb/s 2.5" Internal Solid State Drive

★★★★★ 4.4

16 IN STOCK



\$184.99

\$262.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 028613

☐ Compare

Crucial BX500 1TB SSD 3D NAND SATA III 6Gb/s
2.5" Internal Solid State Drive

★★★★★ 4.9

18 IN STOCK



\$100.99

\$149.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 753079

☐ Compare

WD SN850X 2TB 112L BiCS5 TLC NAND Flash
PCIe Gen 4 x4 NVMe M.2 Internal SSD with
Heatsink

★★★★★ 5.0

5 IN STOCK



\$249.99

\$369.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 758797

☐ Compare

WD Blue SA510 1TB SSD 3D NAND SATA III
6Gb/s 2.5" Internal Solid State Drive

★★★★★ 4.5

25+ IN STOCK



\$104.99

\$149.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 749861

☐ Compare

WD Black SN850X 8TB 3D TLC NAND Flash PCIe
Gen 4 x4 NVMe M.2 2280 Internal SSD with
Heatsink

★★★★★ 5.0

7 IN STOCK



\$829.99

\$1,190.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 871756

☐ Compare

WD Black SN8100 1TB 3D TLC NAND Flash PCIe
Gen 5 x4 NVMe M.2 Internal SSD

3 IN STOCK



\$179.99

\$332.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 828228

☐ Compare

Inland QN460 2TB SSD 3D QLC NAND PCIe Gen
4 x4 NVMe M.2 Internal Solid State Drive

★★★★★ 5.0

1 IN STOCK



\$179.99

\$299.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 028621

☐ Compare

Crucial BX500 2TB 3D NAND SATA III 6Gb/s 2.5"
Internal Solid State Drive

★★★★★ 4.8

25+ IN STOCK



\$190.99

\$249.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 216960

☐ Compare

Samsung 870 EVO 500GB SSD 3-bit MLC V-
NAND SATA III 6Gb/s 2.5" Internal Solid State
Drive

★★★★★ 4.8

4 IN STOCK



\$74.99

\$79.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 929448

☐ Compare

TeamGroup T-FORCE G50 2TB 3D TLC NAND
Flash PCIe Gen 4 x4 NVMe M.2 Internal SSD


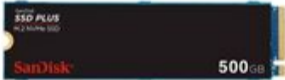
4 IN STOCK

\$225.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 644112

☐ Compare

SanDisk Plus 500GB PCIe Gen 3 x4 NVMe M.2
Internal SSD

★★★★★ 4.4

1 IN STOCK




\$59.99

\$87.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 854273

☐ Compare

Crucial P310 4TB 3D NAND Flash PCIe Gen 4 x4
NVMe M.2 Internal SSD with Heatsink

★★★★★ 4.5

1 IN STOCK

\$344.99

\$449.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 432716 ☐ Compare

Inland Performance Plus 8TB 3D TLC NAND
PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 4.4 6 IN STOCK

\$769.99 ~~\$1,999.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 698936 ☐ Compare

Crucial BX500 4TB Micron 3D NAND Flash SATA
3.0 6.0Gb/s 2.5" Internal SSD

★★★★★ 3.7 4 IN STOCK

\$351.99 ~~\$399.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 642157 ☐ Compare

Crucial T500 2TB TLC NAND PCIe Gen 4 x4
NVMe M.2 Internal SSD w/ Heatsink

★★★★★ 4.7 3 IN STOCK

\$244.99 ~~\$349.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 386813 ☐ Compare

Inland Performance Plus 4TB 3D TLC NAND
PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 4.3 1 IN STOCK

\$379.99 ~~\$799.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 893776 ☐ Compare

Crucial T710 1TB TLC NAND PCIe Gen 5 x4
NVMe M.2 Internal SSD

3 IN STOCK

\$169.99 ~~\$249.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 929422 ☐ Compare

TeamGroup T-FORCE G50 1TB 3D TLC NAND
Flash PCIe Gen 4 x4 NVMe M.2 Internal SSD

15 IN STOCK

\$145.99

QUICK VIEW ADD TO CART

In Store Only



SKU: 493551 ☐ Compare

Samsung T7 Portable SSD 2TB USB 3.2 Gen 2
External Solid State Drive Up to 1050MB/s Read
Speed - Gray (MU-PC2T0T/AM)

★★★★★ 4.8 5 IN STOCK

\$187.99 ~~\$189.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 633479 ☐ Compare

Crucial X9 1TB Portable SSD USB 3.2 Gen 2 Type
C Solid State Drive - Black

★★★★★ 4.7 9 IN STOCK

\$101.99 ~~\$139.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 753061 ☐ Compare

WD Black SN850X 1TB 112L TLC NAND Flash
PCIe Gen 4 x4 NVMe M.2 Internal SSD with
Heatsink

★★★★★ 5.0 1 IN STOCK

\$149.99 ~~\$216.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 788919 ☐ Compare
SK Hynix Platinum P51 1TB 3D TLC NAND PCIe Gen 5 x4 NVMe M.2 Internal SSD

2 IN STOCK

\$199.99 ~~\$499.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 752691 ☐ Compare
Lexar NM790 4TB 3D TLC NAND Flash PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 4.8 6 IN STOCK

\$709.99

QUICK VIEW ADD TO CART

In Store Only



SKU: 644153 ☐ Compare
Sandisk Extreme 500GB PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 5.0 2 IN STOCK

\$74.99 ~~\$96.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 493544 ☐ Compare
Samsung T7 Portable SSD 1TB USB 3.2 Gen 2 External Solid State Drive Up to 1050MB/s Read Speed - Gray (MU-PC1T0T/AM)

★★★★★ 4.8 3 IN STOCK

\$109.99 ~~\$111.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 644146 ☐ Compare
Sandisk Extreme 1TB PCIe Gen 4 x4 NVMe M.2 Internal SSD

★★★★★ 5.0 2 IN STOCK

\$119.99 ~~\$160.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 854034 ☐ Compare
PNY CS2342 1TB 3D NAND Flash PCIe Gen 4 x4 NVMe M.2 2230 Internal SSD

★★★★★ 5.0 2 IN STOCK

\$119.99

QUICK VIEW ADD TO CART

In Store Only



SKU: 753343 ☐ Compare
WD Black SN850X 4TB 3D TLC NAND Flash PCIe Gen 4 x4 NVMe M.2 2280 Internal SSD with Heatsink

★★★★★ 5.0 2 IN STOCK

\$439.99 ~~\$643.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 491977 ☐ Compare
Sandisk Extreme Portable 2TB SSD USB 3.2 Gen 2 Type C External Solid State Drive

★★★★★ 4.6 18 IN STOCK

\$199.99 ~~\$312.99~~

QUICK VIEW ADD TO CART

In Store Only





SKU: 843136 ☐ Compare
Crucial P510 1TB SSD G9 TLC NAND PCIe Gen 5 x4 NVMe M.2 2280 Internal Solid State Drive w/ Heatsink

1 IN STOCK

\$139.99 ~~\$189.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 822163

☐ Compare

Crucial BX500 240GB SSD Micron 3D NAND
SATA III 6Gb/s 2.5" Internal Solid State Drive

★★★★★ 4.9

4 IN STOCK



\$40.99

\$64.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 473041

☐ Compare

Sandisk Extreme Portable 1TB SSD USB 3.2 Gen
2 Type C External Solid State Drive

★★★★★ 4.3

22 IN STOCK



\$139.99

\$203.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 936393

☐ Compare

PNY CS900 1TB SSD TLC NAND SATA III 6Gb/s
2.5" Internal Solid State Drive



11 IN STOCK

\$104.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 671560

☐ Compare

Crucial T705 1TB Micron 232L TLC NAND PCIe
Gen 5 x4 NVMe M.2 Internal SSD with Heatsink

1 IN STOCK



\$159.99

\$249.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 642546

☐ Compare

Samsung T9 Portable SSD USB 3.2 Gen 2x2
Solid State Drive - Black

★★★★★ 4.8

4 IN STOCK



\$234.99

\$269.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 561688

☐ Compare

Samsung T7 Shield 4TB External SSD USB 3.2
Gen 2 Solid State Drive - Black

★★★★★ 4.8

17 IN STOCK



\$384.99

\$549.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 936385

☐ Compare

PNY CS900 500GB SSD TLC NAND SATA III 6Gb/s
2.5" Internal Solid State Drive



14 IN STOCK

\$59.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 642173

☐ Compare

Crucial T500 2TB TLC NAND PCIe Gen 4 x4
NVMe M.2 Internal SSD

★★★★★ 4.8

5 IN STOCK



\$244.99

\$329.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 752683

☐ Compare

Lexar NM790 1TB 3D TLC NAND Flash PCIe Gen
4 x4 NVMe M.2 Internal SSD

★★★★★ 4.9

9 IN STOCK

\$189.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 868729 ☐ Compare
Crucial X10 6TB SSD USB 3.2 (Gen 2x2 Type-C)
Portable Solid State Drive - Blue

★★★★★ 5.0 4 IN STOCK

\$564.99 ~~\$749.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 642199 ☐ Compare
Crucial T500 500GB TLC NAND PCIe Gen 4 x4
NVMe M.2 Internal SSD

★★★★★ 4.8 2 IN STOCK

\$104.99 ~~\$149.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 509430 ☐ Compare
Inland Professional 256GB SSD 3D TLC NAND
SATA 3.0 6 GBps 2.5 Inch 7mm Internal Solid
State Drive

★★★★★ 4.8 8 IN STOCK

\$32.99 ~~\$79.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 867408 ☐ Compare
Lexar NQ780 4TB 3D NAND Flash PCIe Gen 4 x4
NVMe M.2 Internal SSD

★★★★★ 4.7 3 IN STOCK

\$694.99

QUICK VIEW ADD TO CART

In Store Only



SKU: 633487 ☐ Compare
Crucial X9 2TB Portable SSD USB 3.2 Gen 2 Type
C Solid State Drive - Black

★★★★★ 4.6 2 IN STOCK

\$184.99 ~~\$249.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 937532 ☐ Compare
Lexar NM1090 2TB 3D TLC NAND Flash PCIe
Gen 5 x4 NVMe M.2 2280 Internal SSD

2 IN STOCK

\$419.99

QUICK VIEW ADD TO CART

In Store Only



SKU: 893743 ☐ Compare
Crucial T710 1TB 3D TLC NAND Flash PCIe Gen 5
x4 NVMe M.2 2280 Internal SSD with Heatsink

2 IN STOCK

\$169.99 ~~\$263.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 854059 ☐ Compare
PNY XLR8 CS3140 1TB 3D NAND Flash PCIe Gen
4 x4 NVMe M.2 2280 Internal SSD

★★★★★ 5.0 5 IN STOCK

\$129.99 ~~\$145.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 664748 ☐ Compare
SanDisk 1TB Portable SSD USB 3.2 Gen 2 Type A
External Solid State Drive

★★★★☆ 3.4 4 IN STOCK

\$109.99 ~~\$160.99~~

QUICK VIEW ADD TO CART

In Store Only



SKU: 509455 ☐ Compare

Inland Professional 512GB SSD 3D TLC NAND
SATA 3.0 6 GBps 2.5 Inch 7mm Internal Solid
State Drive

★★★★★ 4.8 **3 IN STOCK**

\$46.99 ~~\$99.99~~

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In Store Only



SKU: 854117 ☐ Compare

PNY XLR8 EPIC-X RGB CS3150 2TB 3D NAND
Flash PCIe Gen 5 x4 NVMe M.2 2280 Internal
SSD

1 IN STOCK

\$284.99

[QUICK VIEW](#) [ADD TO CART](#)

In Store Only



SKU: 642538 ☐ Compare

Samsung 4TB T9 Portable SSD USB 3.2 Gen 2x2
Solid State Drive - Black

★★★★★ 4.8 **2 IN STOCK**

\$419.99 ~~\$484.99~~

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In Store Only



SKU: 664730 ☐ Compare

Sandisk 2TB Portable SSD USB 3.2 Gen 2 Type A
External Solid State Drive

★★★★★ 4.2 **2 IN STOCK**

\$169.99 ~~\$257.99~~

[QUICK VIEW](#) [ADD TO CART](#)

In Store Only



SKU: 937771 ☐ Compare

Lexar NM1090 1TB 3D TLC NAND Flash PCIe
Gen 5 x4 NVMe M.2 2280 Internal SSD

3 IN STOCK

\$239.99

[QUICK VIEW](#) [ADD TO CART](#)

In Store Only



SKU: 652545 ☐ Compare

Samsung T5 EVO 8TB SSD USB 3.2 Gen 1 USB
Type C Portable Solid State Drive

★★★★★ 4.8 **3 IN STOCK**

\$629.99 ~~\$849.99~~

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In Store Only



SKU: 751487 ☐ Compare

Seagate 520N 1TB 176L 3D TLC NAND Flash
PCIe Gen 4 x4 NVMe M.2 2230 Internal SSD

2 IN STOCK

\$109.99 ~~\$136.99~~

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In Store Only



SKU: 690677 ☐ Compare

Samsung T7 4TB Portable SSD USB 3.2 Gen 2
Solid State Drive - Gray

★★★★★ 4.8 **1 IN STOCK**

\$344.99 ~~\$404.99~~

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In Store Only



SKU: 916320 ☐ Compare



Inland TN514 2TB PCIe Gen 5 x4 NVMe M.2
Internal SSD

3 IN STOCK

\$274.99 ~~\$499.99~~

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In Store Only



SKU: 478602

☐ Compare

Sandisk Extreme PRO 2TB SSD USB 3.2 Gen 2x2 Type C External Solid State Drive

★★★★★ 4.3

4 IN STOCK



\$279.99

\$478.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 633461

☐ Compare

Crucial X9 4TB Portable SSD USB 3.2 Gen 2 Type C Solid State Drive - Black

★★★★★ 4.5

3 IN STOCK



\$334.99

\$399.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 643981

☐ Compare

WD Black SN850P 1TB PCIe Gen 4 x4 NVMe 3D NAND M.2 Internal SSD w/ Heatsink - Playstation 5 Compatible

★★★★★ 4.4

2 IN STOCK



\$159.99

\$275.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 489872

☐ Compare

Samsung T7 Shield 1TB External SSD USB 3.2 Gen 2 Solid State Drive - Black

★★★★★ 4.8

25+ IN STOCK



\$144.99

\$179.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 915215

☐ Compare

Corsair 4TB SSD EX400U USB4 External Solid State Drive

2 IN STOCK



\$414.99

\$418.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 758946

☐ Compare

Sandisk Extreme 4TB Portable SSD USB 3.2 Gen 2 Type C External Solid State Drive - Monterey

★★★★★ 4.3

2 IN STOCK



\$349.99

\$531.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 497990

☐ Compare

Samsung T7 Shield 2TB External SSD USB 3.2 Gen 2 Solid State Drive - Black

★★★★★ 4.8

2 IN STOCK



\$234.99

\$269.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 663831

☐ Compare

Sandisk Extreme Portable SSD 2TB USB 3.2 Gen 2 Solid State Drive - Sky Blue

★★★★★ 4.3

2 IN STOCK



\$209.99

\$312.99

QUICK VIEW

ADD TO CART

In Store Only



SKU: 644047

☐ Compare

Sandisk Extreme 4TB Portable SSD USB 3.2 Gen 2 Solid State Drive

★★★★★ 4.1

2 IN STOCK

\$339.99

\$531.99

QUICK VIEW

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In Store Only

Shop Solid State Drives from Micro Center

Solid state drives work by using persistent flash memory technology to read and write data as quickly as possible. Thus, the first big advantage of SSDs is that they offer a tremendous upgrade in data transfer speeds compared to mechanical hard disk drives. The new generation of NVMe M.2 SSDs has created an especially significant leap in write and read speeds, making them a must have for gamers, creatives, and anyone else looking for performance-focused [PC building](#).

Compared to other hard drives, SSDs are especially reliable. Their lack of moving parts makes them substantially more resistant to bumps and drops than spinning disc HDDs. Whether you are upgrading your [computers memory](#) or choosing an [external hard drive](#) for backups on the go, SSDs will provide you with a tougher and more reliable data storage solution.

SSDs are also much more compact than traditional hard drives. The latest M.2 SSD models often pack a whole terabyte of storage space or more into a form factor the size of a candy bar. Even larger external SSDs are still slim enough to easily slip into your pocket.

You might expect to pay a premium for this high capacity, high speed performance. Amazingly, flash memory is more affordable now than it has ever been! Micro Centers selection is packed with exclusive deals on SSDs, with prices that allow just about any computer user to make the big upgrade to solid state storage.

All in all, SSDs offer, by far, the most reliable and efficient way to store data in modern computing. With the technology now so widespread, an incredible range of SSD options is available to speed up and power up your data storage and power consumption performance. However, it is important to do a little research first to ensure you choose the right type of SSD.

Selecting the Right Type of SSD for Your Computing Needs

Available in many storage capacity sizes ranging from 128GB to 8TB, solid state drives are an excellent choice for any computer user looking for a performance upgrade. Installing your [operating system](#) on an SSD is one of the quickest and most affordable ways to see immediate performance upgrades for your PC.

Solid state drives come in multiple form factors, and your motherboard will determine their compatibility with your system. M.2 SSDs are the smallest solid state drives. M.2 devices use NVMe or SATA SSD interfaces that connect directly to your motherboard without the need for extra cables or a complicated setup.

NVMe SSDs are the fastest available but require specific PCI Express connections to be compatible with your computer. If you are planning to use an NVMe SSD, make sure to examine your motherboard PCIe specs in detail first. Remember that NVMe SSDs, specifically the ones that use the compact M.2 form factor, also generate more heat than SATA SSDs, so they may require more airflow or heatsinks in your PC case.

2.5 inch SSDs are compatible with almost any PC and still offer high performance read and write speeds when compared to standard hard drives. Running resource intensive apps on an SSD is an affordable and convenient way to increase application performance without the need for more complicated or expensive upgrades, such as replacing the [computer processor](#) CPU or [graphics card](#) GPU.

External SSDs use lightning fast speeds to take the benefits of solid state drives anywhere. Boasting speeds comparable to internal drives, portable SSDs are an excellent solution for those looking for maximum performance on the go. External solid state drives function in the same way as [internal SSDs](#) and provide similar reliability and consistency. Connecting via a USB cable also makes portable SSDs compatible with as many devices as possible, such as laptops, game consoles, or cameras.

Micro Center's selection of solid state drives includes options for every form factor and connectivity spec. We offer high performance SSDs from the top names in digital storage, including Samsung, Western Digital, Seagate, SanDisk, and many more. Browse our full selection of SSDs right here - and don't forget that we offer [SSD installation services](#) for a professional memory upgrade you can trust.

Hard Drives and Data Storage for Your Most Important Files

Even in the age of streaming and cloud storage, all computers still need a primary local storage device. This type of storage must use non volatile memory, meaning it retains its data even when the computer is powered off, and must store the data in the end users location rather than in the cloud. In most systems, this is known as the hard drive.

Although the term hard drive technically means a traditional hard disk drive or HDD with a spinning magnetic disk, it is commonly used to mean all kinds of data storage devices, including todays hugely popular solid state drives or SSDs. SSDs use NAND flash memory with no moving parts, making them both faster and more resilient than traditional HDDs — although HDDs have advantages of their own, including lower prices.

Some users only need a fast and reliable internal drive for their computer, while others need high capacity external drives for storing multiple terabytes of bulky files.

Businesses, meanwhile, often need even higher storage capacity drives for their network attached storage or NAS systems, which use multiple drives to provide access to data across a local network and may use a redundant configuration called a RAID array. Whether you are looking for an SSD or HDD, internal or external, you will find the right option for you in Micro Centers extensive selection of storage drives.

Choosing Your Data Storage Solution

Considering these factors will make it easier to find the right data storage solution:

SSD vs. HDD: SSDs are the most popular choice for storage because they are extremely reliable and offer high speed performance on everyday tasks. HDDs, meanwhile, offer solid reliability in less strenuous environments and tons of storage space for an affordable price. See our [SSD vs. HDD guide](#) for more key information on this important choice.

Data Transfer Speed: The speed at which a hard drive moves data to or from a device can matter a lot, especially if you often send files to an external drive. If transfer speed is a priority on your external drive, look for USB 3.0 drives or higher, which offer faster speeds as long as your computer ports also support USB 3.0.

Interface: Most internal HDDs and some internal SSDs use the classic SATA interface, which attaches via a SATA port on your motherboard. SSDs might also use the newer NVMe format, which offers faster speeds but is not present on all motherboards. External hard drives almost always use either a USB A or USB C connector.

Form Factor: Pay attention to the physical size and shape of your drive, especially if it is an internal hard drive. Many newer SSDs, for example, use the slim M.2 design, while others may use the larger 2.5 inch form factor. HDDs, meanwhile, may use either 2.5 inch or 3.5 inch bays. Remember to check whether your motherboard includes an M.2 slot or the bay size of your computer or NAS server box.

Operating System: Some SSDs and HDDs are designed for compatibility specifically with Windows or macOS. This also matters for file formatting since you might have to reformat your drives storage system if it uses a file format that is not compatible with your OS.

Data Recovery and Backup: Some manufacturers offer data recovery options if your drive fails. Check the drives warranty and specs to learn about the conditions and capacities of each data recovery service. Of course, the best option is to create robust backups to minimize your risk of data loss in the first place, and we highly recommend using an external drive or cloud backup service to back up any local storage volume.

Micro Centers hard drive selection includes all of the top names in computer hard drives like Western Digital, Seagate, Samsung, Toshiba, and more. Find great deals on your data storage solution here, or check out our lineup of SD cards and [USB flash drives](#) for more storage options that perform whenever and wherever you need them.

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