

High End Hard Drive Chart

This chart is made using thousands of **PerformanceTest** benchmark results and is updated daily. These overall scores are calculated from three different tests measuring the read speed, write speed and seek time of hard disk drives. The chart contains drives from many of the major manufacturers such as Seagate, Western Digital (WDC), Hitachi, Maxtor and Samsung. The higher scoring drives in this chart are typically those with greater RPM values (10,000/15,000 RPM) or that are Solid State Drives.

Disk Mark | Price Performance

(Click to select desired chart)

		Price (USD)
Samsung SSD 960 PRO 2TB	17,105	\$1,295.00
Samsung SSD 960 PRO 512GB	17,069	\$279.99
APPLE SSD SM1024L 1TB	16,916	NA
Samsung SM961 1TB NVMe	16,607	\$485.99
Samsung SM961 512GB NVMe	16,403	\$289.99
APPLE SSD SM0512L	16,008	NA
Samsung SSD 960 EVO 1TB	15,927	\$473.20
Samsung SM961 256GB NVMe	15,428	\$142.25
Samsung SSD 960 PRO 1TB	15,302	\$578.99
PM961 NVMe SAMSUNG 512GB	14,961	\$299.95
Samsung PM961 512GB NVMe	14,736	\$249.59*
Samsung PM961 256GB NVMe	14,714	\$169.95
Samsung PM961 1TB NVMe	14,583	\$399.99
Intel DC P3600 1.6TB NVMe	14,562	\$1,550.00
Samsung SSD 960 EVO 500GB	14,086	\$234.00
APPLE SSD SM0256L	13,588	NA
Samsung SM951 512GB NVMe	13,274	\$289.37
Samsung SM951a 512GB NVMe	13,246	NA
Intel DC P3500 2TB NVMe	13,238	\$2,335.99*
Samsung SSD 950 Pro 512GB NVMe	13,234	\$349.99
Samsung SSD 960 EVO 250GB	13,109	\$127.99
OCZ Z-DRIVE R4 C Series	12,956	\$49,977.80*
Toshiba XG3 512GB NVMe M.2	12,951	NA
NVMe INTEL SSDPEDMW80	12,582	\$529.99*
Samsung SM961 128GB NVMe	12,527	\$139.75
Plextor M8Pe 512GB NVMe	12,452	NA
Intel SSD 750 1.2TB NVMe	12,450	\$899.89*
LITEON CX2-GB1024-Q11 NVMe 1TB	12,253	NA
Samsung SM951 256GB NVMe	12,008	\$139.99*
Toshiba XG3 1TB NVMe M.2	11,979	NA
NVMe PLEXTOR PX-512M8	11,930	NA
TOSHIBA-RD400	11,839	NA
G.SKILL Phoenix Blade 480GB	11,784	\$549.99*
Samsung PM961 128GB NVMe	11,768	\$119.95
PLEXTOR PX-1TM8PeG	11,738	NA
Samsung SSD 950 Pro 256GB NVMe	11,713	\$339.00
APPLE SSD SM1024G	11,693	NA
NVMe PLEXTOR PX-1TM8P	11,667	NA
SAMSUNG MZVLW128HEGR-000L1	11,651	NA
PLEXTOR PX-512M8PeG	11,541	\$399.98*
LiteOn CX2-8B512-Q11 512GB NVMe	11,507	NA

SK hynix PC300 NVMe 1TB	11,452	NA
TOSHIBA THNSF5256GPU7 256GB	11,404	NA
Intel SSD 750 400GB NVMe	11,340	\$374.95
Samsung SM951 M.2 512GB AHCI	11,306	\$322.99*
NVMe TOSHIBA-RD400	11,260	NA
Toshiba XG3 256GB NVMe M.2	11,211	NA
INTEL SSDPE2MW400G4	11,153	\$450.50
Intel DC P3700 400GB NVMe	11,124	\$699.99
APPLE SSD SM0512G	11,084	NA
Intel SSD 750 800GB NVMe	11,017	\$679.99*
Intel DC P3500 400GB NVMe	10,945	\$499.99
Samsung SM951 M.2 256GB AHCI	10,813	\$134.99
Intel DC P3700 800GB NVMe	10,798	\$1,199.99*
PLEXTOR PX-256M8PeGN	10,729	\$279.98*
MyDigitalSSD BPX 480GB	10,704	NA
Toshiba THNSF5256GCJ7	10,576	NA
INTEL SSDPEDMW800G4	10,556	\$594.25
Corsair Force MP500	10,519	\$327.64*
Patriot Hellfire M2	10,423	NA
Intel DC P3600 800GB NVMe	10,217	\$880.74*
THNSF5512GPUK TOSHIBA	10,035	NA
LITEON CX2-8B256	9,960	NA
Mushkin Scorpion Deluxe PCIe SSD	9,945	\$759.99
NVMe CX2-8B256-Q11 NV	9,929	NA
NVMe PLEXTOR PX-256M8	9,889	NA
NVMe Patriot Hellfire	9,686	NA
PLEXTOR PX-256M8PeY	9,680	NA
LiteOn CX2-8B256-Q11 256GB NVMe	9,640	NA
THNSF5256GCJ7 TOSHIBA	9,616	NA
TOSHIBA XG4 1TB NVMe	9,588	NA
SK hynix PC300 NVMe 512GB	9,573	NA
Samsung SM951 128GB NVMe	9,548	\$114.99*
CX2-8B512-Q11 NVMe LITEON 512GB	9,524	NA
PLEXTOR PX-256M8PeG	9,482	\$259.13*
PLEXTOR PX-512M8PeY	9,478	\$409.98*
TOSHIBA XG4 512GB NVMe	9,440	NA
ZTSSDPG3-480G-GE	9,415	NA
Samsung PM951 1TB NVMe	9,263	NA
APPLE SSD SM0256G	9,085	NA
Toshiba XG3 128GB NVMe M.2	9,048	NA
NVMe THNSF5256GPUK TO	8,946	NA
Samsung SM951 M.2 128GB AHCI	8,860	\$116.95*
OCZ RevoDrive 350 PCI-E	8,718	\$553.36*
Samsung MZFLW1T0 1TB NVMe	8,697	NA
PNY CS2030 240GB SSD	8,694	NA
OCZ RevoDrive 3 X2 Max IOPS	8,622	\$951.91*
THNSF5256GPUK TOSHIBA	8,325	NA
SAMSUNG MZVLV512HCJH-000L2	8,171	NA
SK hynix PC300 NVMe 256GB	8,131	NA
e-star	7,987	NA

NVMe INTEL SSDPEKKW51	7,934	\$192.99
Intel 600P Series 512GB	7,783	\$159.99
OCZ REVODRIVE3 MI X2	7,726	NA
TOSHIBA XG4 256GB NVMe	7,696	NA
NVMe INTEL SSDPEKKW01	7,683	NA
SAMSUNG MZVLV512HCJH-000H1	7,634	NA
Intel DC P3600 400GB NVMe	7,517	\$535.99*
ADATA SX8000NP	7,511	NA
SAMSUNG XP941 M.2 512GB	7,425	\$309.99*
Fusion-io ioFX 420GB	7,287	\$1,995.00*
NVMe ADATA SX8000NP	7,184	NA
INTEL SSDPEKKW010T7	7,058	\$360.00
APPLE SSD SM0128G	7,025	NA
Samsung PM951 512GB NVMe	6,987	\$189.99*
APPLE SSD SM1024F	6,974	NA
SAMSUNG XP941 M.2 256GB	6,866	\$208.99*
Intel 600p Series 256GB	6,854	\$139.99
INTEL SSDPEKKF256G7	6,847	\$165.60*
NVMe INTEL SSDPEKKW25	6,847	\$139.00*
OCZ RevoDrive 3 X2	6,765	\$519.99*
NVMe WDC WDS512G1X0C-	6,675	NA
SAMSUNG SSD PM851a 2.5 7mm 1024GB	6,621	NA
PLEXTOR PX-128M8PeG	6,577	\$219.98*
WDC WDS512G1X0C	6,498	NA
SAMSUNG SSD PM871 M.2 2280 256GB SED	6,242	NA
NVMe PLEXTOR PX-128M8	6,226	NA
NVMe WDC WDS256G1X0C-	6,226	NA
NVMe SAMSUNG MZVLV256	6,075	NA
APPLE SSD SM0512F	6,034	NA
TAMMUZ	5,902	NA
LITEON CX1-JB512-HP	5,739	NA
SEAGATE ST400FM0053	5,693	\$800.00
WDC WDS256G1X0C	5,654	NA
APPLE SSD SM0256F	5,593	NA
PLEXTOR PX-AG512M6e	5,576	\$452.99*
Samsung PM951 256GB NVMe	5,519	\$114.90
SK hynix PC200 M.2 2280 512GB	5,488	NA
Samsung SSD 850 EVO M.2 1TB	5,457	NA
SAMSUNG MZFLV256HCHP-000MV	5,434	NA
OWC Mercury Accelsior PCIe SSD	5,427	\$447.50*
VisionTek 240GB	5,355	\$113.66*
SAMSUNG XP941 M.2 128GB	5,339	\$119.99*
PLEXTOR PX-G512M6e	5,280	\$416.99*
PLEXTOR PX-G256M6eA	5,244	NA
PLEXTOR PX-256M7VC	5,108	NA
SAMSUNG MZNLN1T0HMLH-000	5,102	NA
SAMSUNG MZHPU128HCGM-000H1	5,075	NA
Samsung SSD 850 EVO 4TB	5,021	NA
Mushkin Scorpion PCIe SSD	5,012	\$377.99*
Pyro240	4,937	NA

PLEXTOR PX-G256M6e	4,920	\$293.64*
Micron_M 600_MSATA_512GB	4,886	NA
Crucial_ CT500MX200SSD4	4,858	NA
PLEXTOR PX-AG256M6e	4,856	\$253.99*
SAMSUNG MZNLN256MHQ-000	4,816	NA
SAMSUNG MZNLN512HMJP-000B1	4,812	NA
SAMSUNG MZNLN512HMJP-000	4,772	NA
SanDisk Ultra II 500GB	4,757	NA
SAMSUNG MZ7LN512HMJP-000	4,736	NA
SAMSUNG MZNLN512HMJP-00000	4,736	NA
Samsung SSD 850 EVO M.2 500GB	4,728	NA
PLEXTOR PX-G512M6eA	4,722	NA
Micron_M550_2.5" _7mm_512GB	4,715	NA
Samsung MZ7TY256HDHP-000	4,685	NA
SanDisk SD6PP4M-256G-1006	4,684	NA
Samsung SSD 850 EVO M.2 250GB	4,657	NA
SAMSUNG MZ7LN256HMJP-000L2	4,641	NA
PNY CS1311	4,637	\$76.12*
SAMSUNG SSD PM871a M.2 2280 256GB	4,636	NA
SanDisk X400 M.2 2280 25	4,633	NA
PLEXTOR PX-256M6eA-BK	4,632	NA
SanDisk X400 2.5 7MM 512GB	4,631	NA
SAMSUNG MZ7LN256HMJP-00000	4,622	NA
SAMSUNG MZNLN256MHQ-00000	4,613	NA
PN CS1311 240GB SSD	4,608	NA
HFS250G32TND-N1A0A	4,603	NA
SAMSUNG MZ7KM480HAHP-00005	4,602	NA
SAMSUNG MZ7LN512HMJP-000L1	4,599	NA
HFS120G32TND-N1A0A	4,593	NA
SAMSUNG MZ7LN512HMJP-000L7	4,593	NA
SAMSUNG MZ7LN512HMJP-00000	4,574	NA
Crucial_ CT1050MX300SSD4	4,550	NA
SK hynix SC300B 512GB	4,543	NA
SAMSUNG MZNLN512HMJP-000H1	4,543	NA
Micron_1100_MTFDDAV512TBN	4,542	NA
SAMSUNG MZNLN256MHQ-000B1	4,541	NA
SAMSUNG MZ7TY256HDHP-00007	4,536	NA
SAMSUNG MZ7GE480	4,530	NA
Crucial_ CT525MX300SSD4	4,529	NA
Samsung MZNLN512HCJH-000	4,525	NA
SAMSUNG MZNLN256MHQ-000H1	4,522	NA
Samsung SSD 850 EVO M.2 120GB	4,521	NA
SanDisk SD8SB8U512G1002	4,520	NA
SAMSUNG SSD PM871a 2.5 7mm 256GB	4,508	NA
SAMSUNG MZNLN256MHQ-000H7	4,507	NA
KINGSTON SV300S37A120G 120.0GB	4,497	NA
SAMSUNG MZNLN512HMJP-000L7	4,486	NA
Samsung SSD 850 EVO 2TB	4,486	\$715.99
SAMSUNG SSD PM871 M.2 2280 512GB SED	4,466	NA
SanDisk SD8SN8U-256G-100	4,464	NA

SAMSUNG MZ7TY256HDHP-000L1	4,462	NA
SAMSUNG SSD SM871 2.5 7m	4,450	NA
WDC WDS500G1B0B	4,448	\$166.11*
ADATA XM11 256GB	4,440	\$415.80*
Micron_M Micron_M550_2.5"	4,433	NA
Samsung SSD 850 PRO 1TB	4,424	\$469.49
Samsung SSD 850 PRO 2TB	4,420	\$999.99
LITEON LCH-512V2S-11 2.	4,419	NA
Samsung SSD 850 EVO 1TB	4,416	\$335.00
INTEL SSDSCCKGF240A5L	4,405	NA
Micron_1100_MTFDDAK512TBN	4,402	NA
Samsung SSD 850 EVO mSATA 1TB	4,393	\$369.00
INTEL SSDSCCKJF240A5L	4,392	NA
HFS120G32TND-N1A2A	4,389	NA
APPLE SSD SD0256F	4,387	NA
SuperSSp eed S301 128GB	4,387	NA
SanDisk SD8SN8U512G1002	4,383	NA
SAMSUNG MZ7LN256HMLP-000H1	4,382	NA
MTFDDAK1T0MBF-1A	4,377	NA
Corsai Force LE SSD	4,375	NA
SAMSUNG MZ7LN512HCHP-000	4,373	NA
Crucial_CT1050MX300SSD4	4,364	NA
SK hynix SC300 mSAA	4,354	NA
INTE SSDSC2BW240H6	4,348	NA
SAMSUNG SSD SM871 2.5 7mm 256GB	4,340	NA
R3SL480G	4,338	NA
SanDisk SD8SN8U512G1122	4,333	NA
Crucial_CT525MX300SSD4	4,326	NA
PLEXTOR PX-AG128M6e	4,322	\$156.99*
Micron_M 600_MTFDDAK256MB	4,322	NA
SanDisk X400 M.2 2280 512GB	4,316	\$175.40
MTFDDAV512TBN	4,316	NA
SanDisk SD8SB8U5	4,316	NA
SAMSUNG MZ7TY256HDHP-000L2	4,300	NA
Samsung SSD 840 EVO 500GB mSATA	4,298	\$245.00
INTEL SSDSC2BB60	4,296	\$695.31*
Micron_M600_MTFDDAV512MBF	4,295	NA
Samsung SSD 850 EVO 500GB	4,291	\$172.99
HFS512G32MND-3210A	4,288	NA
Phison SM280512GPMC15B-S10C4	4,288	NA
SK hynix SC300 2.5 7MM 512GB	4,285	NA
Samsung SSD 850 PRO 512GB	4,284	\$222.78
SAMSUNG MZ7LN512HCHP-000H1	4,278	NA
Micron_M500_MTFDDAK480MA	4,276	NA
TOSHIBA THNSNJ512GACU	4,271	NA
Crucial_ CT250MX200SSD4	4,271	NA
APPLE SSD TS128E	4,270	NA
MKNSSDTR250GB	4,268	NA
Q200 EX	4,264	NA
LITEON IT LMT-256L9M-11	4,264	NA

TOSHIBA THNSNJ512GDNU		4,264	NA
SAMSUNG MZNTY256HDHP-00000		4,264	NA
Micron M600 256GB		4,263	\$69.99*
Samsung SSD 840 EVO 1TB mSATA		4,263	\$549.75*
MTFDDAK256TBN-1AR1ZABHA		4,259	NA
WDC WDS250G1B0B		4,259	NA
SanDisk SD8SB8U-512G-1006		4,255	NA
OCZ RevoDrive 3		4,253	\$229.00
SAMSUNG MZYT512HDJH-000L2		4,253	NA
SanDisk SD8SN8U-512G-1006		4,252	NA
SAMSUNG SSD SM871 2.5 7mm 512GB		4,246	\$199.99*
WDC WDS100T1B0B		4,246	\$318.75*
HFS512G39MND-3510A		4,243	NA
SK hynix SC311 256GB		4,240	NA
Apple APPLE SSD AP0512		4,230	NA
INTE SSDSCKGF256A5 SA		4,225	NA
Crucial_ CT750MX300SSD1		4,223	NA
TOSHIBA THNSNJ512GCST		4,222	NA
Crucial_CT500MX200SSD4		4,220	NA
ADATA SX910		4,218	\$220.00*
Samsung SSD 850 EVO mSATA 500GB		4,218	\$181.49
Transcend TS512GMTS600		4,216	NA
INTEL SSDSC2BP48		4,212	\$297.72
Zalman SSD0240F1		4,211	NA
HFS250G32TND-N1A2A		4,210	\$75.99*
LITEONIT LITEONIT LCS-512		4,207	NA
LITEONIT LMT-512L9M-11 MM		4,204	NA
SAMSUNG MZ7TN512HDHP-00007		4,204	NA
SanDisk X400 2.5 7MM 256GB		4,198	NA
MKNSSDE3 240GB		4,196	NA
TOSHIBA THNSNJ256G8NY		4,195	NA
TOSHIBA THNSFJ256GCSU		4,194	NA
SAMSUNG MZ7TY256HDHP-000H1		4,193	NA
SanDisk SD8SN8U1T001122		4,190	NA
TEAM L3 EVO SSD 480GB		4,185	NA
SanDisk X300 M.2 2280 256GB		4,184	NA
INTEL SSDSCKKW480H6		4,184	\$205.00
SK hynix SC300 2.55		4,182	NA
CT1000BX 100SSD1		4,182	NA
OCZ-SABER1000		4,181	NA
SanDisk SD8TB8U256G1001		4,180	NA
Samsung SSD 850 PRO 256GB		4,180	\$137.99
Micron_M550_MTFDDAK512MAY		4,175	NA
Samsung SSD 750 EVO 500G		4,174	NA
OWC Mercury EXTREME		4,171	\$166.99*
SAMSUNG MZNTY128HDHP-000		4,168	NA
Samsung SSD 750		4,167	\$87.95*
SAMSUNG MZNTY256HDHP-00007		4,166	NA
TOSHIBA THNSNF256GCSS		4,165	NA
PNY EU SSD CS1311 240GB		4,158	NA
			

SanDisk SD8SN8U256G1122		4,156	NA
SSD2SC240G3LC726B104-327		4,154	NA
INTEL SSDSCKKF256H6 SA		4,152	NA
PNY CS2211 960GB SSD		4,152	NA
Transcend TS512GMTS800		4,152	\$299.66*
SanDisk X400 M.2 2280 256GB		4,151	\$102.95
SAMSUNG MZNTY256HDHP-000L2		4,150	NA
Crucial_CT275MX300SSD4		4,147	NA
Samsung SSD 750 EVO 500GB		4,145	\$185.16
TOSHIBA THNSNJ512GCSU		4,145	NA
Transcend TS512GMTS400		4,144	NA
SAMSUNG SSD PM871 mSATA 512GB		4,143	NA
SanDisk SD7TB6S256G1001		4,140	NA
Micron_1100_MTFDDAV256TBN		4,133	NA
INTEL SSDSCKJF180A5		4,129	NA
Micron 1100		4,128	\$169.98
SanDisk SD8TN8U256G1001		4,127	NA
SanDisk SD7SN6S512G1122		4,126	NA
Samsung MZNTY256HDHP-000		4,122	NA
LITEON CV3-SD256		4,118	NA
SSD2SC24 0G5SA754D117-511		4,117	NA
RevuAhn_ 850X1SP256GB		4,116	NA
Samsung SSD 850 EVO 250GB		4,109	\$99.99
Crucial CT500MX200SSD4		4,108	\$257.77
INTEL SSDSCKKW240H6		4,102	\$119.99
SanDisk SD7SB6S256G1001		4,101	NA
SK hynix SH920 2.5 7MM 256GB		4,100	NA
SAMSUNG SSD SM87		4,096	NA
TOSHIBA THNSNJ512GDNU A		4,096	NA
Micron_M600_MTFDDAY512MBF		4,094	NA
SAMSUNG MZNTY256HDHP-000L7		4,093	NA
Micron_M600_MTFD		4,090	NA
Plextor M5 512GB PX-512M5		4,088	NA
INTEL SSDSC2BA800G4		4,085	\$2,158.45*
Crucial_CT500MX200SSD6		4,085	NA
WDC WDS500G1B0A		4,085	\$142.69*
SanDisk SD8SB8U-256G-1006		4,080	NA
SanDisk Ultra II		4,080	\$199.99
SAMSUNG MZNLN512HCJH-000L1		4,080	NA
Samsung SSD 845DC EVO 480GB		4,078	NA
SanDisk SD8SN8U-256G-1006		4,077	NA
Crucial_ Crucial_CT500MX2		4,076	NA
Patrio Blast		4,073	NA
WDC WDS250G1B0A		4,070	\$89.99*
Samsung SSD 840 EVO 1TB		4,070	\$329.89
SanDisk SD8SB8U512G1122		4,070	NA
SanDisk SD7SB7S512G1122		4,069	NA
LITEONIT LGT-512L9G-11 MM		4,069	NA
Micron 1100 512GB		4,069	\$169.40*
Seagate ST480HM0 00-1G5162		4,065	NA