





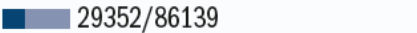
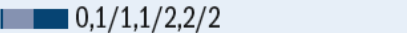

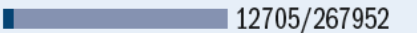







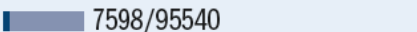

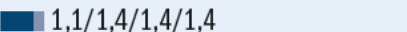

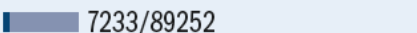

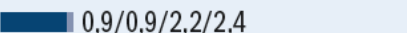





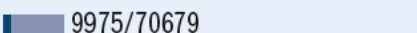

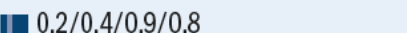

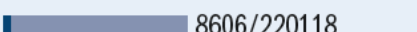


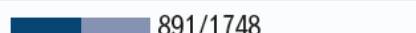
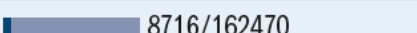

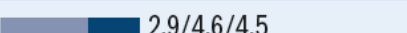


## PCIe- en sata-ssd's – benchmarks

	seq. overdrachtsnelheid schrijven/ lezen <sup>1</sup> [MB/s]	IOPS lezen QD=1/3 <sup>2</sup>	IOPS schrijven QD=1/3 <sup>2</sup>	Energieverbruik <sup>3</sup> [W]
	beter ▶	beter ▶	beter ▶	◀ beter
Adata Gammix S11 Pro	 2950/3533	 15451/239354	 36534/282184	 2,9/5,9/7
Micron 1300	 534/536	 10334/95981	 29352/86139	 0,1/1,1/2,2/2
Patriot Viper VPN100 PCIe m.2 SSD	 3051/3469	 12705/267952	 37271/313184	 2,7/7,4/7
Seagate Firecuda 510	 2519/3458	 10223/230999	 36480/314969	 2,6/7,5/7,7
Seagate Ironwolf 110 SSD	 538/565	 7598/95540	 24131/85878	 1,1/1,4/1,4/1,4
Teamgroup T-Force Delta Phantom	 515/563	 7233/89252	 15738/83776	 0,9/0,9/2,2/2,4
Transcend SSD PCIe SSD 220S	 2062/3579	 15414/182888	 35500/239582	 2,8/5,8/6,3
Verbatim Vi550 S3	 511/535	 9975/70679	 23825/82833	 0,2/0,4/0,9/0,8
WD Black SN750	 2028/3451	 8606/220118	 34727/248374	 3,4/6,1/6,7
WD Blue SN500	 891/1748	 8716/162470	 34678/190319	 2,9/4,6/4,5

<sup>1</sup> gemeten met IOMeter, blok grootte 128 kB <sup>2</sup> gemeten met IOMeter, blok grootte 4 kB, metingen met 8 GB testbestand <sup>3</sup> idle met LPM/idle/lezen/schrijven, PCIe-ssd's zonder LPM

### PCIe- en sata-ssd's

Model	Gammix S11 Pro	1300	Viper VPN100 PCIe m.2 SSD	Firecuda 510	Ironwolf 110 SSD	T-Force Delta Phantom Gaming RGB SSD	PCIe SSD 220S	Vi550 S3	Black SN750	Blue SN500
Fabrikant	Adata, adata.com	Micron, micron.com	Patriot, patriot.com	Seagate, seagate.com	Seagate, seagate.com	Teamgroup, teamgroupinc.com	Transcend, transcend-info.com	Verbatim, verbatim-europe.nl	WD, wdc.com	WD, wdc.com
Modelnummer	AGAMMIXS11P-1TF-C	MTFDDAKS12TDL-1AW1ZABYY	PE000612 VPN100-1TBM28H	ZP2000GM30021	ZA3840NM10001	T253PG500G3C313	TSS12GMT220S	49352	WDS100T3X0C-00SJG0	WDS500G1B0C-00S6U0
Capaciteit volgens fabrikant <sup>1</sup>	1 TB	512 GB	1 TB	2 TB	3,84 TB	500 GB	512 GB	512 GB	1 TB	500 GB
Capaciteit volgens Windows	954 GB	477 GB	954 GB	1863 GB	3577 GB	466 GB	477 GB	477 GB	932 GB	466 GB
Uitvoering / interface	M.2 2280 / PCIe 3.0x4	2,5" / SATA	M.2 2280 / PCIe 3.0x4	M.2 2280 / PCIe 3.0x4	2,5" / SATA	2,5" / SATA	M.2 2280 / PCIe 3.0x4	2,5" / SATA	M.2 2280 / PCIe 3.0x4	M.2 2280 / PCIe 3.0x2
Duurzaamheid	0,44 %	0,58 %	0,44 %	0,49 %	0,44 %	0,87 %	g.o.	0,44 %	0,5 %	0,5 %
Schrijfmaximum per dag	g. o.	274 GB	1521 GB	1425 GB	3836 GB	g. o.	438 GB	329 GB	329 GB	g. o.
Garantie	5 jaar	3 jaar	3 jaar	5 jaar	5 jaar	3 jaar	5 jaar	3 jaar	5 jaar	5 jaar
Prijs per gigabyte	19 cent	17 cent	19 cent	23 cent	24 cent	16 cent	19 cent	14 cent	25 cent	17 cent
Prijs	€ 190	€ 80	€ 190	€ 460	€ 960	€ 80	€ 95	€ 70	€ 250	€ 85

<sup>1</sup> Fabrikanten gaan uit van 1 GB = 1.000.000.000 bytes. Windows rekent echter 1 GB = 1.073.741.824 bytes