

microSD Card Comparison

BRAND	MODEL	SPEED CLASS	UHS	Tested WRITE	Tested READ	Tested READ/BUT	Tested WRITE-RANDOM	Rated READ MB/s	Rated WRITE MB/s
ADATA	<u>Premier ONE (AUSD128GUII3 CL10-CA1)</u>	V90	UHS-II	219.8	278.6	261.0	9.0	275	155
Ampere	<u>256GB</u>	U1	UHS-I	11.9	18.8	18.7	2.1		
Delkin	<u>DDMSD66064GB</u>	U3	UHS-I	74.9	87.7	74.9	3.4	99	50
Delkin	<u>1900X (DMSD1900128V)</u>	U3	UHS-II	73.8	205.0	199.9	13.7	285	100
Delkin	<u>DDMSDB190064</u>	U3	UHS-II	63.2	202.6	197.6	21.1	300	100
Delkin	<u>Advantage (DDMSDW66064 G)</u>	V30	UHS-I	83.2	98.9	86.7	64.1	100	75
Delkin	<u>Select (DDMSDR500128)</u>	V30	UHS-I	82.4	97.6	95.7	74.3	100	75
Delkin	<u>DDMSDB190064</u>	V60	UHS-II	73.4	94.8	93.4	15.8		
Delkin	<u>Power (DDMSDG200064)</u>	V90	UHS-II	258.9	273.2	255.4	24.6	300	250
FreeTail	<u>Evoke Pro (FTSD)</u>	V60	UHS-II	116.1	272.1	250.5	5.8	240	
Gigastone	<u>Extreme 633x</u>	U3	UHS-I	59.9	95.1	94.3	56.6	95	
Kingston	<u>SDCA10</u>	U1	UHS-I	35.3	88.1	83.2	2	90	45
Lexar	<u>633x (LSDMI32GBBNL 633R)</u>	U1	UHS-I	59.8	90.0	83.1	35.2	95	-
Lexar	<u>633x (LSDMI64GBB1N L633R)</u>	U1	UHS-I	28.3	88.9	29.8	88	95	20
Lexar	<u>1800x (LSDMI64GCRBN A1800R)</u>	U3	UHS-II	256.3	276.9	254.4	26.3	270	245
Lexar	<u>1800x (LSDMI128CRBN A1800R)</u>	U3	UHS-II	70.4	205.6	194.3	18.8	270	115
Lexar	<u>LSDMI32GCBNL1 000R</u>	U3	UHS-II	40.3	148.7	138.5	5.1	150	-
Lexar	<u>1000x (LSDMI128CBNL 1000R)</u>	U3	UHS-II	39.3	141.3	139.6	20.5	150	-

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Patriot	<u>LX / PSF64GMCSDXC 10</u>	U1	UHS-I	71.0	92.8	91.4	64.9	85	
Patriot	<u>PEF64GEP31MC X</u>	V30	UHS-I	71.5	97.3	95.3	64.0	100	80
PNY	<u>Elite (P-SDU32U185EL-GE)</u>	U1	UHS-I	17.5	91.6	88.1	37.8	85	-
PNY	<u>Elite-X (P-SDU32U390EX-GE)</u>	U3	UHS-I	67.8	91.7	88.1	15.0	90	-
PNY	<u>PRO Elite (P-SDU32GU395PRO-GE)</u>	U3	UHS-I	55.3	88.1	81.6	3.7	95	90
PNY	<u>P-SDU32GU390G-GE</u>	U3	UHS-I	45.1	89.3	83.2	18.2	90	-
Polaroid	<u>PLDMEPMSD64GB</u>	U3	UHS-I	39.9	91.1	90	20.3	95	90
ProGrade Digital	<u>PGMSD128GBJBH</u>	V60	UHS-II	125.3	205.4	167.5	4.8	200	80
Samsung	<u>Pro (MB-MG)</u>	U1	UHS-I	80.3	90.5	80.3	70	90	80
Samsung	<u>Pro Endurance (MB-MJ)</u>	U1	UHS-I	35.2	95.1	94.2	36.4	100	30
Samsung	<u>EVO+ (MB-MC)</u>	U1	UHS-I	26.5	77.6	77.3	39.1	80	-
Samsung	<u>MB-MG</u>	U1	UHS-I	20.9	75.1	74.7	20.8	70	20
Samsung	<u>Pro Select (MB-MF)</u>	U3	UHS-I	88.1	98.3	86.6	84.6	100	90
Samsung	<u>EVO (MB-MP)</u>	U3	UHS-I	87.2	91.5	90.3	77.0	100	
Samsung	<u>Pro+ (MB-MD)</u>	U3	UHS-I	85.0	92.7	91.7	84.4	100	90
Samsung	<u>EVO Select (MB-ME)</u>	U3	UHS-I	84.4	86.8	82.9	77.0	100	90
Samsung	<u>EVO Plus (MB-MC)</u>	U3	UHS-I	70.8	91.7	90.6	64.7	100	60
SanDisk	<u>Ultra Plus (SDSQUSC)</u>	C10	UHS-I	50.3	92.2	88.7	12.9	80	-

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SanDisk	Ultra (SDSQUAR)	C10	UHS-I	33.4	92.8	91.9	28.1		
SanDisk	Ultra (SDSDQUAN)	C10	UHS-I	23.6	91.3	90.2	27.1	90	-
SanDisk	Extreme PRO (SDSQXPJ)	U3	UHS-II	117.0	269.8	249.4	7.4	275	100
SanDisk	Extreme Plus (SDSQXSG)	U3	UHS-I	87.8	86.0	83	80.8	95	90
SanDisk	Extreme Pro (SDSDQXP)	U3	UHS-I	87.6	85.2	82.4	80.3	95	90
SanDisk	Extreme PLUS (SDSQXBG)	U3	UHS-I	87.4	91.5	90.8	86.4	100	90
SanDisk	Extreme (SDSQXAF)	U3	UHS-I	71.7	92.3	91.8	69.2		
SanDisk	Extreme (SDSQXNEA)	U3	UHS-I	70.6	91.2	90.8	69	90	40
SanDisk	Extreme (SDSQXA1)	V30	UHS-I	88.8	94.6	94.1	82.7	160	90
SanDisk	Extreme Pro (SDSQXCZ)	V30	UHS-I	88.8	93.6	92.4	80.4	170	90
SanDisk	Extreme Pro (SDSQXCY)	V30	UHS-I	88.3	94.3	93.4	82.6	170	90
SanDisk	Extreme Pro (SDSQXCG)	V30	UHS-I	88.3	93.9	90.6	72.7	100	90
SanDisk	Extreme Plus (SDSQXBZ)	V30	UHS-I	88.3	93.8	93.7	83.1	170	90
SanDisk	Extreme PLUS (SDSQXWG)	V30	UHS-I	87.2	91.0	90.3	85.3	95	90
SanDisk	Extreme (SDSQXA2)	V30	UHS-I	67.3	94.9	94.2	63.8	160	60
SanDisk	Extreme (SDSQXVFA)	V30	UHS-I	64.9	90.0	90.4	63.4	90	60
Sony	SR64UYA/TQMN	U1	UHS-I	20.8	39.6	43	16.6	40	-
Strontium	Nitro	U1	UHS-I	41.0	95.7	94.8	42.0	85	
Toshiba	Exceria (M301R0320U2)	U1	UHS-I	13.7	45.5	44.1	1.5	48	-

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Toshiba	<u>Exceria (M302-EA)</u>	U3	UHS-I	20.0	65.3	64.3	5.7	90	
Transcend	<u>Ultimate 633x (TS32GUSDU3)</u>	U3	UHS-I	73.7	91.1	87.7	18.2	95	85