

SSD Decoder Ring

Version 2.3 – Source: <http://pcper.com/ssd>

Size	Controller	Make	Model	L/C	War	Cap	Part Number	Read	Write	TRIM	
2.5"	Intel G1 Review 1 (initial) Review 2 (slow down) Review 3 (firmware)	Intel	X25-M	MLC	3	80	SSDSA2MH080G1	250	70	NO	
						160	SSDSA2MH160G1				
			X25-E	SLC	3	32	SSDSA2SH032G1	250	170		
					64	SSDSA2SH064G1					
		Kingston	SSDNow M Series (Gen 1)	MLC	3	80	SNM125-S2/80GB	250	70		NO
						160	SNM125-S2/160GB				
	SSDNow E Series		SLC	3	32	SNE125-S2/32GB	250	170			
					64	SNE125-S2/64GB					
	Intel G2 Review 1 (160GB G2) Review 2 (roundup) Review 3 (G2 TRIM)	Intel	X25-V	MLC	3	40	SSDSA2MP040G2 (R5)	170	40	YES (02HD)	
			X25-M G2			80	SSDSA2MH080G2 (01/C1/R5)	250	70		
						160	SSDSA2MH160G2 (01/C1/R5)	250	100		
		Kingston	SSDNow V Series (Gen 1)	MLC	3	40	SNV125-S2/40GB	170	40	NO* YES	
SSDNow M Series (Gen 2)						80	SNM125-S2/80GB	250	70	YES (02HD)	
						160	SNM125-S2/160GB	250	70		

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2.5"	Sandforce SF-1500 Review 1 Review 2 (Vertex LE)	OCZ	Vertex 2 Pro (eng sample)	MLC	N/A	60	(unobtainium)	N/A	N/A	YES
			Vertex LE		3	100	OCZSSD2-1VTXLE100G	270	250	YES
						200	OCZSSD2-1VTXLE200G	270	250	

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2.5"	Micron C300	Crucial	RealSSD C300	MLC	5	128		355		Yes
						256	MTFDDAC356MAG-1G1	355		

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2.5"	Toshiba T6UG1XBG (HG2-Series)	Kingston	SSDNow V+ Series (Gen 2)	MLC	3	64	SNVP325-S2/64GB	230	180	Yes
						128	SNVP325-S2/128GB	230	180	
						256	SNVP325-S2/256GB	230	180	

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						512	SNVP325-S2/512GB	230	180	
2.5"	Indilinx Review 1 (preview) Review 2 (final) Review 3 (OCZ GC) Review 4 (roundup)	Corsair	Extreme (series)	MLC	2	32	CMFSSD-32D1	240	170	YES (1.5)
						64	CMFSSD-64D1	240	170	
						128	CMFSSD-128D1	240	170	
						256	CMFSSD-256D1	240	170	
		Crucial	M225	MLC	5	64	CT64M225	200	150	YES (1819)
						128	CT128M225	250	190	
						256	CT256M225	250	200	
		G.Skill	Falcon	MLC	2	64	FM-25S2S-64GBF1	230	135	Maybe
						128	FM-25S2S-128GBF1	230	190	
						256	FM-25S2S-256GBF1	230	190	
			Falcon II (Intel 34nm)	MLC		64	FM-25S2I-64GBF2	110	220	YES (1819)
		128	FM-25S2I-128GBF2	150	220					
		Super Talent	UltraDrive ME	MLC	2	32	FTM32GX25H	230	160	YES (1819)
						64	FTM64GX25H	230	180	
						128	FTM28GX25H	260	195	
						256	FTM56GX25H	260	200	
		UltraDrive LE	SLC	3	32	FTD32GX25H	230	170	YES (1819)	
					64	FTD64GX25H	260	210		
					128	FTD28GX25H	260	210		
		OCZ	Agility (slower flash)	MLC	2	30	OCZSSD2-1AGT30G	185	100/60	Maybe (1.50)
						60	OCZSSD2-1AGT60G	230	135/80	
						120	OCZSSD2-1AGT120G	230	135/80	
			Vertex	MLC	3	30	OCZSSD2-1VTX30G	230	135/80	YES (1.30)
						60	OCZSSD2-1VTX60G	230	135/70	
						120	OCZSSD2-1VTX120G	250	180/100	
						250	OCZSSD2-1VTX250G	250	160/100	
			Vertex Turbo	MLC	3	30	OCZSSD2-1VTXT30G	240	145/100	NO
						60	OCZSSD2-1VTXT60G	240	145/100	
						120	OCZSSD2-1VTXT120G	270	200/120	
			Vertex Mac Edition	MLC	3	30	OCZSSD2-1VTXA30G	220	125/80	NO
						60	OCZSSD2-1VTXA60G	220	125/70	
		120				OCZSSD2-1VTXA120G	240	170/100		
250	OCZSSD2-1VTXA250G	240				150/100				
Agility EX	SLC	3	60	OCZSSD2-1AGTEX60G	255	195/100	NO			
Vertex EX	SLC	3	60	OCZSSD2-1VTXEX60G	260	200/100	NO			
			120	OCZSSD2-1VTXEX120G	260	110/100				

3.5"	Indilinx x2	OCZ	Colossus	MLC	3	120	OCZSSD2-1CLS120G	260	260/140	NO			
	Indilinx x4 Review (250GB)					250	OCZSSD2-1CLS250G	260	260/220				
						500	OCZSSD2-1CLS500G	260	260/220				
						1TB	OCZSSD2-1CLS1T	260	260/220				
PCI-e	Indilinx RAID	OCZ	Z-Drive m84	MLC	3	256	OCZSSDPCIE-ZDM84256G	750	650	NO			
						512	OCZSSDPCIE-ZDM84512G	870	780				
						1TB	OCZSSDPCIE-ZDM841T	870	780				
						256	OCZSSDPCIE-ZDP84256G	770	640				
			Z-Drive p84	MLC	3	512	OCZSSDPCIE-ZDP84512G	870	780				
						1TB	OCZSSDPCIE-ZDP841T	870	780				
						Z-Drive e84	SLC	3	256		OCZSSDPCIE-ZDE84256G	800	750
									512		OCZSSDPCIE-ZDE84512G	850	600

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2.5"	SamsungG2	Samsung				32	MCBQE32GBMPP-03A00	60	40	NO							
						64	MCBQE64GBMPP-03A00	60	40								
	SamsungG3 (SS410)	Samsung	FlashSSD		MLC		64	MMCRE64G5MPP-0VA	90	70	NO						
							128	MMDOE28G5MPP-0VA	90	70							
					SLC		32	MCBQE32G5MPP-0VA00	100	80							
							64	MCCOE64G5MPP-0VA00	100	80							
					Review 1 (OCZ)		Corsair	S (series)		MLC		2	128	CMFSSD-128GBG1D (S128)	90	70	NO
													Review 2 (Corsair)	G.Skill	FlashSSD	SLC	1
	64	FS-25S2-64G	100/80	80/30													
	OCZ	(unnamed)			SLC	1	32	OCZSSD2-1S32G	100	80	NO						
							64	OCZSSD2-1S64G	100	80							
	Samsung 'PB22-J'	Samsung	PM800		MLC		64	MMCRE64G5MXP-0VB	220	120	YES						
							128	MMCRE28G5MXP-0VB	220	200							
							256	MMDOE56G5MXP-0VB	220	200							
			SS805	SLC	50		MCB4E50G5MXP-0VB	230	180	NO							
					100		MCCOE1HG5MXP-0VB	230	180								
			Review 1 (Summit preview)	Corsair	P (series)			MLC	2	64	CMFSSD-64GBG2D (P64)	220	180	YES			
		128				CMFSSD-128GBG2D (P128)				220	200/180						
		256				CMFSSD-256GBG2D (P256)				220	200/180						
		Review 2 (roundup)	Kingston	SSDNow V+ Series (Gen 1)		MLC	3	64	SNV225-S2/64GB	220	140	Maybe					
128								SNV225-S2/128GB	220	170							
256	SNV225-S2/256GB							220	180								
OCZ	Summit			MLC	3	60	OCZSSD2-1SUM60G	220	125/120	YES							
						120	OCZSSD2-1SUM120G	220	200								
						250	OCZSSD2-1SUM250G	220	200								

		Super Talent	MasterDrive SX	MLC	1	64	SAM64GM25S	220	120	NO*
						128	SAM28GM25S	220	200	
						256	SAM56GM25S	220	200	
Size	Controller	Make	Model	L/C	War	Cap	Part Number	Read	Write	TRIM
2.5"	JMicon 618 (no USB)	Kingston	SSDNow V Series (Gen 2)	MLC	3	30	SNV125-S2/30GB (?)	180	50	Yes
						64	SNV425-S2/64GB	200	110	
						128	SNV425-S2/128GB	200	160	
	JMicon 602 (mini-USB)	OCZ	Core V2	MLC	2	30	OCZSSD2-2C30G	170	98	NO
						60	OCZSSD2-2C60G	170	98	
						120	OCZSSD2-2C120G	170	98	
						250	OCZSSD2-2C250G	170	98	
	JMicon 602B (mini-USB)	G.Skill	(unnamed)	MLC		64	FM-25S2S-64GB	155	90	NO
						128	FM-25S2S-128GB	155	90	
		OCZ	Solid	MLC	2	30	OCZSSD2-1SLD30G	155	90	NO
						60	OCZSSD2-1SLD60G	155	90	
						120	OCZSSD2-1SLD120G	155	90	
						250	OCZSSD2-1SLD250G	155	90	
		Super Talent *no USB	MasterDrive OX	MLC	2	16	FTM16GL25H	150	100	NO
						32	FTM32GL25H	150	100	
						64	FTM64GL25H	150	100	
						128	FTM28GL25H	150	100	
						256	FTM56GL25H	150	100	
		MasterDrive PX	SLC	3	16	FTD16GL25H	170	130	NO	
	32				FTD32GL25H	170	130			
	64				FTD64GL25H	170	130			
	128				FTD28GL25H	170	130			
	JMicon	Corsair	M (series)	MLC	2	64	CMFSSD-64N1 (M64)	170	100	NO
JMicon	Kingston *no USB	SSDNow V Series (Gen 1)	MLC	3	64	SNV125-S2/64GB SNV125-S2B(N/D)/64GB	100	80	NO	
					128	SNV125-S2/128GB SNV125-S2B(N/D)/128GB	100	80		
JMicon 602B x2 (RAID)	G.Skill	Titan	MLC		128	FM-25S2S-128GBT1	200	160	NO	
					256	FM-25S2S-256GBT1	200	160		
	OCZ	Apex	MLC	2	60	OCZSSD2-1APX60G	230	110	NO	
					120	OCZSSD2-1APX120G	230	160		
					250	OCZSSD2-1APX250G	230	160		
	Review 1 (OCZ)	Super Talent	MasterDrive RX	MLC	2	128	FTM28GE25H	230	160	NO
						256	FTM56GE25H	230	160	
						512	FTM12GE25H	230	160	
			SLC	3	128	FTD28GE25H	230	200		

256

FTD56GE25H

230

200