SanDisk Connected Solutions

Automotive / Commercial / Industrial



iNAND Embedded Flash Drives

Part Number	Capacity	Interface	Operating Temp	Seq. R/W (MB/s)	Ran. R/W (IOPS)	Package
Industrial						
SDINBDG4-8G-I1	8GB	5.1 HS400	-25°C to 85°C	300/40	17K/8K	11.5x13x0.8
SDINBDG4-16G-I1	16GB	5.1 HS400	-25°C to 85°C	300/80	25K/15K	11.5x13x0.8
SDINBDG4-32G-I1	32GB	5.1 HS400	-25°C to 85°C	300/150	25K/15K	11.5x13x1.0
SDINBDG4-64G-I1	64GB	5.1 HS400	-25°C to 85°C	300/150	25K/15K	11.5x13x1.2
Industrial XT						
SDINBDG4-8G-XI1	8GB	5.1 HS400	-40°C to 85°C	300/40	17K/8K	11.5x13x0.8
SDINBDG4-16G-XI1	16GB	5.1 HS400	-40°C to 85°C	300/80	25K/15K	11.5x13x0.8
SDINBDG4-32G-XI1	32GB	5.1 HS400	-40°C to 85°C	300/150	25K/15K	11.5x13x1.0
SDINBDG4-64G-XI1	64GB	5.1 HS400	-40°C to 85°C	300/150	25K/15K	11.5x13x1.2
OEM/Commerical						
SDINBDG4-8G	8GB	5.1 HS400	-25°C to 85°C	300/40	17K/8K	11.5x13x0.8
SDINADF4-16G-H	16GB	5.1 HS400	-25°C to 85°C	290/150	3100/1800	11.5x13x0.9
SDINBDG4-16G	16GB	5.1 HS400	-25°C to 85°C	300/80	25K/15K	11.5x13x0.8
SDINADF4-32G	32GB	5.1 HS400	-25°C to 85°C	290/150	3100/1800	11.5x13x0.9
SDINBDG4-32G	32GB	5.1 HS400	-25°C to 85°C	300/150	25K/15K	11.5x13x1.0
SDINADF4-64G	64GB	5.1 HS400	-25°C to 85°C	290/150	3100/1800	11.5x13x1.0
SDINBDG4-64G	64GB	5.1 HS400	-25°C to 85°C	300/150	25K/15K	11.5x13x1.2
SDINADF4-128G-H	128GB	5.1 HS400	-25°C to 85°C	290/150	3100/1800	11.5x13x1.2
Automotive						
SDINBDG4-8G-XA	8GB	5.1 HS400	-40°C to 85°C	300/28	17K/7.8K	11.5X13X0.8
SDINBDG4-16G-XA	16GB	5.1 HS400	-40°C to 85°C	300/55	17K/7.8K	11.5X13X0.8
SDINBDG4-32G-XA	32GB	5.1 HS400	-40°C to 85°C	300/110	17K/7.8K	11.5X13X1.0
SDINBDG4-64G-XA	64GB	5.1 HS400	-40°C to 85°C	300/110	17K/7.8K	11.5X13X1.2
Automotive XT						
SDINBDG4-8G-ZA	8GB	5.1 HS400	-40°C to 105°C	300/28	17K/7.8K	11.5X13X0.8
SDINBDG4-16G-ZA	16GB	5.1 HS400	-40°C to 105°C	300/55	17K/7.8K	11.5X13X0.8
SDINBDG4-32G-ZA	32GB	5.1 HS400	-40°C to 105°C	300/110	17K/7.8K	11.5X13X1.0
SDINBDG4-64G-ZA	64GB	5.1 HS400	-40°C to 105°C	300/110	17K/7.8K	11.5X13X1.2
Connected Home						
SDINBDG4-8G-H	8GB	5.1 HS400	-25°C to 85°C	300/40	17K/8K	11.5x13x0.8
SDINBDG4-16G-H	16GB	5.1 HS400	-25°C to 85°C	300/80	25K/15K	11.5x13x0.8
SDINBDG4-32G-H	32GB	5.1 HS400	-25°C to 85°C	300/150	25K/15K	11.5x13x1.0
SDINBDG4-64G-H	64GB	5.1 HS400	-25°C to 85°C	300/150	25K/15K	11.5x13x1.0



USB Flash Drives

Part Number	Capacity	Form Factor	Category	Operating Temp
Cruzer Fit USB Flash Drive				
SDUFD33-008G	8	Low Profile	USB 2.0	0°C to 45°C
SDUFD33-016G	16	Low Profile	USB 2.0	0°C to 45°C
SDUFD33-032G	32	Low Profile	USB 2.0	0°C to 45°C
SDUFD33-064G	64	Low Profile	USB 2.0	0°C to 45°C
Cruzer Edge USB Flash Drive				
SDUFD51-008G	8	Compact Design	USB 2.0	0°C to 45°C
SDUFD51-016G	16	Compact Design	USB 2.0	0°C to 45°C
SDUFD51-032G	32	Compact Design	USB 2.0	0°C to 45°C
SDUFD51-064G	64	Compact Design	USB 2.0	0°C to 45°C
SDUFD43-016G	16	Compact Design	USB 3.0	0°C to 45°C
Connected Home Time Shift Buffer				
SDUFDEC-016G	16	Low Profile	USB 2.0	0°C to 55°C

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SD Cards



SKU	Capacity	Class	Interface	Max Speed	Operating Temp	Seq. R/W (MB/s)	TBW
Automotive XT							
SDSDAG3-008G-XA	8	U1	SD 3.0	UHS-I 104	-40°C to 85°C	70/15	
SDSDAG3-016G-XA	16	U1	SD 3.0	UHS-I 104	-40°C to 85°C	70/30	
SDSDAG3-032G-XA	32	U1	SD 3.0	UHS-I 104	-40°C to 85°C	70/50	
SDSDAG3-064G-XA	64	U1	SD 3.0	UHS-I 104	-40°C to 85°C	70/50	
Industrial							
SDSDAF3-008G-I	8	U1	SD 3.0	UHS-I 104	-25°C to 85°C	70/15	24
SDSDAF3-016G-I	16	U1	SD 3.0	UHS-I 104	-25°C to 85°C	70/30	48
SDSDAF3-032G-I	32	U1	SD 3.0	UHS-I 104	-25°C to 85°C	70/50	96
SDSDAF3-064G-I	64	U1	SD 3.0	UHS-I 104	-25°C to 85°C	70/50	192
Industrial XT							
SDSDAF3-008G-I	8	U1	SD 3.0	UHS-I 104	-40°C to 85°C	70/15	24
SDSDAF3-016G-XI	16	U1	SD 3.0	UHS-I 104	-40°C to 85°C	70/30	48
SDSDAF3-032G-XI	32	U1	SD 3.0	UHS-I 104	-40°C to 85°C	70/50	96
SDSDAF3-064G-XI	64	U1	SD 3.0	UHS-I 104	-40°C to 85°C	70/50	192
OEM/Commercial							
SDSDAA-008G	8	4		UHS-I 50	-25°C to 85°C		
SDSDAE-008G	8	U1	SD 3.0	UHS-I 104	-25°C to 85°C	80/30	
SDSDAA-016G	16	4	SD 3.0	UHS-I 50	-25°C to 85°C		
SDSDAD-016G	16	U1	SD 3.0	UHS-I 104	-25°C to 85°C	80/10	
SDSDAE-016G	16	U3	SD 4.0	UHS-I 104	-25°C to 85°C	80/50	
SDSDAA-032G	32	4		UHS-I 50	-25°C to 85°C		
SDSDAD-032G	32	U1	SD 3.0	UHS-I 104	-25°C to 85°C	80/10	
SDSDAE-032G	32	U3	SD 4.0	UHS-I 104	-25°C to 85°C	80/50	
SDSDAD-064G	64	U1	SD 3.0	UHS-I 104	-25°C to 85°C	80/10	
SDSDAE-064G	64	U3	SD 4.0	UHS-I 104	-25°C to 85°C	80/50	
SDSDAD-128G	128	U1	SD 3.0	UHS-I 104	-25°C to 85°C	80/50	
SDSDAE-128G	128	U3	SD 4.0	UHS-I 104	-25°C to 85°C	80/50	
Connected Home							
SDSDEC-004G	4	U3	SD 5.0	UHS-I 104	-0°C to 85°C	50/50	200
SDSDEB-008G	8	U1	SD 5.0	UHS-I 104	-0°C to 85°C	50/10	80
SDSDEB-016G	16	U1	SD 5.0	UHS-I 104	-0°C to 85°C	50/20	160
SDSDEC-032G	32	10	SD 3.0	UHS-I 50	-0°C to 85°C	30/30	450
SDSDEB-032G	32	U3	SD 4.0	UHS-I 104	-0°C to 85°C	50/30	224
SDSDEB-064G	64	U3	SD 4.0	UHS-I 104	-0°C to 85°C	50/30	448
SDSDEB-128G	128	U3	SD 4.0	UHS-I 104	-0°C to 85°C	50/30	896

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microSD Cards



SKU	Capacity	Class	Interface	Max Speed	Operating Temp	Seq. R/W (MB/s)	TBW
Industrial Wide Temp							
SDSDQAF-008G-I	8	U1	SD 3.0	UHS I-104	-25°C to 85°C	70/15	16
SDSDQAF-016G-I	16	U1	SD 3.0	UHS I-104	-25°C to 85°C	70/50	32
SDSDQAF2-032G-I	32	10	SD 3.0	UHS I-104	-25°C to 85°C	70/50	96
SDSDQAF2-064G-I	64	10	SD 3.0	UHS I-104	-25°C to 85°C	70/50	192
SDSDQAF3-128G-I	128	U3	SD 3.0	UHS I-104	-25°C to 85°C	70/50	384
OEM/Commercial							
SDSDQAB-016G	16	4	SD 3.0	UHS-I 50	-25°C to 85°C	20/5	
SDSDQAD-016G	16	U1	SD 3.0	UHS-I 104	-25°C to 85°C	40/10	
SDSDQAB-032G	32	4	SD 3.0	UHS-I 50	-25°C to 85°C	20/5	
SDSDQAD-032G	32	U1	SD 3.0	UHS-I 104	-25°C to 85°C	40/10	
SDSDQAE-032G	32	V30	SD 5.0	UHS-I 104	-25°C to 85°C	80/50	
SDSDQAB-064G	64	4	SD 3.0	UHS-I 50	-25°C to 85°C	20/5	
SDSDQAD-064G	64	U1	SD 3.0	UHS-I 104	-25°C to 85°C	40/10	
SDSDQAE-064G	64	V30	SD 5.0	UHS-I 104	-25°C to 85°C	80/50	
SDSDQAD-128G	128	U1	SD 3.0	UHS-I 104	-25°C to 85°C	40/10	
SDSDQAE-128G	128	V30	SD 5.0	UHS-I 104	-25°C to 85°C	80/50	
SDSDQAD-200G	200	U1	SD 3.0	UHS-I 50	-25°C to 85°C	80/10	
SDSDQAD-256G	256	U1	SD 5.0	UHS-I 104	-25°C to 85°C	95/10	
Connected Home							
SDSDQEC-004G	4	U3	SD 5.0	UHS-I 104	-25°C to 85°C	50/50	200
SDSDQEC-008G	8	U3	SD 5.0	UHS-I 104	0°C to 85°C	50/50	400
SDSDQEB-008G	8	U1	SD 5.0	UHS-I 104	0°C to 85°C	50/10	80
SDSDQEC-016G	16	U3	SD 5.0	UHS-I 104	0°C to 85°C	50/50	800
SDSDQEB-016G	16	U1	SD 5.0	UHS-I 104	0°C to 85°C	50/20	160
SDSDQEB-032G	32	U3	SD 5.0	UHS-I 104	0°C to 85°C	50/30	320
SDSDQEB-064G	64	U3	SD 5.0	UHS-I 104	0°C to 85°C	50/30	640

NOT FOR NEW DESIGN

iNAND Embedded Flash Drives

Part Number	Capacity	Interface	Operating Temp	Seq. R/W (MB/s)	Ran. R/W (IOPS)	Package
Automotive						
SDIN8DE2-4G-A	4GB	4.51 HS200	-25°C to 85°C	90/17	4500/500	11.5x13x1.0
SDIN8DE1-8G-A	8GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
SDIN8DE2-8G-A	8GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
SDIN8DE2-16G-A	16GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
SDIN8DE4-32G-A	32GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
SDIN8DE4-64G-A	64GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
Automotive XT						
SDIN8DE2-4G-XA	4GB	4.51 HS200	-40°C to 85°C	90/17	4500/500	11.5x13x1.0
SDIN8DE1-8G-XA	8GB	4.51 HS200	-40°C to 85°C	90/17	4500/850	11.5x13x1.0
SDIN8DE2-8G-XA	8GB	4.51 HS200	-40°C to 85°C	115/30	4500/850	11.5x13x1.0
SDIN8DE2-16G-XA	16GB	4.51 HS200	-40°C to 85°C	115/30	4500/1200	11.5x13x1.0
SDIN8DE4-32G-XA	32GB	4.51 HS200	-40°C to 85°C	120/37	4500/1200	11.5x13X1.2
SDIN8CE4-64G-XA	64GB	4.51 HS200	-40°C to 85°C	120/37	4500/1200	12x16x1.4
Industrial						
SDIN8DE2-4G-I	4GB	4.51 HS200	-25°C to 85°C	90/17	4500/500	11.5x13x1.0
SDIN8DE1-8G-I	8GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
SDIN8DE2-8G-I	8GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
SDIN8DE2-16G-I	16GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
SDIN8DE4-32G-I	32GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
SDIN8DE4-64G-I	64GB	4.51 HS200	-25°C to 85°C	120/37	4500/1200	11.5x13x1.0
Industrial XT						
SDIN8DE2-4G-XI	4GB	4.51 HS200	-40°C to 85°C	90/17	4500/500	11.5x13x1.0
SDIN8DE1-8G-XI	8GB	4.51 HS200	-40°C to 85°C	90/17	4500/850	11.5x13x1.0
SDIN8DE2-8G-XI	8GB	4.51 HS200	-40°C to 85°C	115/30	4500/850	11.5x13x1.0
SDIN8DE2-16G-XI	16GB	4.51 HS200	-40°C to 85°C	115/30	4500/1200	11.5x13x1.0
SDIN8DE4-32G-XI	32GB	4.51 HS200	-40°C to 85°C	120/37	4500/1200	11.5x13X1.2
SDIN8CE4-64G-XI	64GB	4.51 HS200	-40°C to 85°C	120/37	4500/1200	12x16x1.4

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