

# SanDisk Connected Solutions

Commercial / Automotive / Industrial



## iNAND Products

Part Number	Interface	Family	Operating Temp	Cap	Seq. R/W (MB/s)	Random R/W(IOPS)	Package
<b>4GB</b>							
SDIN7DP2-4G	4.5I	OEM	-25°C to 85°C	4GB	90/12	2500/400	11.5x13x1.0
SDIN8DE2-4G	4.5I HS200	OEM	-25°C to 85°C	4GB	90/18	4500/500	11.5x13x1.0
SDIN8DE2-4G-XA	4.5I HS200	Automotive XT	-40°C to 85°C	4GB	90/17	4500/500	11.5x13x1.0
SDIN8DE2-4G-XI	4.5I HS200	Industrial XT	-40°C to 85°C	4GB	90/17	4500/500	11.5x13x1.0
SDIN8DE2-4G-I	4.5I HS200	Industrial	-25°C to 85°C	4GB	90/17	4500/500	11.5x13x1.0
<b>8GB</b>							
SDIN7DU2-8G	4.4I+	OEM	-25°C to 85°C	8GB	70/11	2000/200	11.5x13x1.0
SDIN7DP2-8G	4.5I	OEM	-25°C to 85°C	8GB	90/24	2500/500	11.5x13x1.0
SDIN8DE1-8G	4.5I HS200	OEM	-25°C to 85°C	8GB	90/18	4500/900	11.5x13x1.0
SDIN8DE2-8G	4.5I HS200	OEM	-25°C to 85°C	8GB	120/30	4500/900	11.5x13x1.0
SDIN8DR1-8G	4.5I HS200	OEM	-25°C to 85°C	8GB	100/4.5	4500/100	11.5x13x1.0
SDIN9DS2-8G	5.0 HS400	OEM	-25°C to 85°C	8GB	250/13	3300/1000	11.5x13x0.8
SDINADB4-8G	5.1 HS400	OEM	-25°C to 85°C	8GB	250/13	3300/1000	11.5x13x0.8
SDIN8DE1-8G-XA	4.5I HS200	Automotive XT	-40°C to 85°C	8GB	90/17	4500/850	11.5x13x1.0
SDIN8DE2-8G-XA	4.5I HS200	Automotive XT	-40°C to 85°C	8GB	115/30	4500/850	11.5x13x1.0
SDIN8DE1-8G-XI	4.5I HS200	Industrial XT	-40°C to 85°C	8GB	90/17	4500/850	11.5x13x1.0
SDIN8DE1-8G-I	4.5I HS200	Industrial	-25°C to 85°C	8GB	90/17	4500/850	11.5x13x1.0
SDIN7DU2-8G-I	4.4I+	Industrial/EUDA	-25°C to 85°C	8GB	70/11	2000/200	11.5x13x1.0
<b>16GB</b>							
SDIN7DU2-16G	4.4I+	OEM	-25°C to 85°C	16GB	90/20	2000/200	11.5x13x1.0
SDIN8DE2-16G	4.5I HS200	OEM	-25°C to 85°C	16GB	120/30	4500/1200	11.5x13x1.0
SDIN8DE4-16G	4.5I HS200	OEM	-25°C to 85°C	16GB	125/49	4500/1200	11.5x13x1.0
SDIN7DP4-16G	4.5I	OEM	-25°C to 85°C	16GB	90/45	3500/700	11.5x13x1.0
SDIN9DW4-16G	5.0 HS400	OEM	-25°C to 85°C	16GB	300/45	6000/3000	11.5x13x1.0
SDIN8DR1-16G	4.5I HS200	OEM	-25°C to 85°C	16GB	120/8.5	4500/250	11.5x13x1.0
SDIN9DS2-16G	5.0 HS400	OEM	-25°C to 85°C	16GB	280/24	3300/1400	11.5x13x0.8
SDINADB4-16G	5.1 HS400	OEM	-25°C to 85°C	16GB	280/24	3300/1400	11.5x13x0.8
SDIN8DE2-16G-XA	4.5I HS200	Automotive XT	-40°C to 85°C	16GB	115/30	4500/1200	11.5x13x1.0
SDIN8DE2-16G-XI	4.5I HS200	Industrial XT	-40°C to 85°C	16GB	115/30	4500/1200	11.5x13x1.0
SDIN8DE2-16G-I	4.5I HS200	Industrial	-25°C to 85°C	16GB	115/30	4500/1200	11.5x13x1.0
SDIN7DU2-16G-I	4.4I+	Industrial/EUDA	-25°C to 85°C	16GB	90/20	2000/200	11.5x13x1.0
<b>32GB</b>							
SDIN7DU2-32G	4.4I+	OEM	-25°C to 85°C	32GB	90/20	2000/200	11.5x13x1.2
SDIN7DP4-32G	4.5I	OEM	-25°C to 85°C	32GB	90/45	3500/700	11.5x13x1.0
SDIN8DE4-32G	4.5I HS200	OEM	-25°C to 85°C	32GB	125/49	4500/1200	11.5x13x1.0
SDIN9DW4-32G	5.0 HS400	OEM	-25°C to 85°C	32GB	300/80	6000/3000	11.5x13x1.0
SDIN9DS2-32G	5.0 HS400	OEM	-25°C to 85°C	32GB	280/40	3300/1700	11.5x13x0.8
SDINADB4-32G	5.1 HS400	OEM	-25°C to 85°C	32GB	280/40	3300/1700	11.5x13x0.8
SDIN8DE4-32G-XA	4.5I HS200	Automotive XT	-40°C to 85°C	32GB	120/37	4500/1200	11.5x13x1.2
SDIN8DE2-32G-XI	4.5I HS200	Industrial XT	-40°C to 85°C	32GB	120/37	4500/1200	11.5x13x1.0
SDIN8DE4-32G-I	4.5I HS200	Industrial	-25°C to 85°C	32GB	120/37	4500/1200	11.5x13x1.0
SDIN7DU2-32G-I	4.4I+	Industrial/EUDA	-25°C to 85°C	32GB	90/20	2000/200	11.5x13x1.2
<b>64GB</b>							
SDIN7DU2-64G	4.4I+	OEM	-25°C to 85°C	64GB	90/20	2000/200	11.5x13x1.4
SDIN7DP4-64G	4.5I	OEM	-25°C to 85°C	64GB	90/45	3500/700	11.5x13x1.4
SDIN8DE4-64G	4.5I HS200	OEM	-25°C to 85°C	64GB	125/49	4500/1200	11.5x13x1.2
SDIN9DW4-64G	5.0 HS400	OEM	-25°C to 85°C	64GB	300/80	6000/3000	11.5x13x1.0
SDIN9DS2-64G	5.0 HS400	OEM	-25°C to 85°C	64GB	220/36	3300/1600	11.5x13x1.0
SDINADB4-64G	5.1 HS400	OEM	-25°C to 85°C	64GB	220/36	3300/1600	11.5x13x1.0
SDIN8CE4-64G-XA	4.5I HS200	Automotive XT	-40°C to 85°C	64GB	120/37	4500/1200	12x16x1.4
SDIN8CE4-64G-XI	4.5I HS200	Industrial XT	-40°C to 85°C	64GB	120/37	4500/1200	12x16x1.4
SDIN8DE4-64G-I	4.5I HS200	Industrial	-25°C to 85°C	64GB	120/37	4500/1200	11.5x13x1.2
SDIN7DU2-64G-I	4.4I+	Industrial/EUDA	-25°C to 85°C	64GB	90/20	2000/200	11.5x13x1.4
<b>128GB</b>							
SDIN7CP4-128G	4.5I	OEM	-25°C to 85°C	128GB	90/45	3500/700	12x16x1.6
SDIN8CE4-128G	4.5I HS200	OEM	-25°C to 85°C	128GB	125/49	4500/1200	12x16x1.4



## Full Size SD Cards

Form Factor	Category	SKU	Operating Temp	Cap	Class	U1/U3	Bus Mode	Seq WR	Seq RD
<b>4GB</b>									
SD	OEM	SDSDAA-004G	-25°C to 85°C	4	4		UHS50		
<b>8GB</b>									
SD	OEM	SDSDAA-008G	-25°C to 85°C	8	4		UHS50		
SD	OEM	SDSDAE-008G	-25°C to 85°C	8	10	U1	UHS104	30	80
SD	Automotive XT	SDSDAG-008G-XA	-40°C to 85°C	8	10		High-Speed	20	20
SD	Industrial	SDSDAF-008G-I	-25°C to 85°C	8	10		High-Speed	20	20
SD	Industrial XT	SDSDAF-008G-XI	-40°C to 85°C	8	10		High-Speed	20	20
<b>16GB</b>									
SD	OEM	SDSDAA-016G	-25°C to 85°C	16	4		UHS50		
SD	OEM	SDSDAE-016G	-25°C to 85°C	16	10	U3	UHS104	50	80
SD	Automotive XT	SDSDAG-016G-XA	-40°C to 85°C	16	10		High-Speed	20	20
SD	Industrial	SDSDAF-016G-I	-25°C to 85°C	16	10		High-Speed	20	20
SD	Industrial XT	SDSDAF-016G-XI	-40°C to 85°C	16	10		High-Speed	20	20
<b>32GB</b>									
SD	OEM	SDSDAA-032G	-25°C to 85°C	32	4		UHS50		
SD	OEM	SDSDAE-032G	-25°C to 85°C	32	10	U3	UHS104	50	80
SD	Automotive XT	SDSDAG-032G-XA	-40°C to 85°C	32	10		High-Speed	20	20
SD	Industrial	SDSDAF-032G-I	-25°C to 85°C	32	10		High-Speed	20	20
SD	Industrial XT	SDSDAF-032G-XI	-40°C to 85°C	32	10		High-Speed	20	20
<b>64GB</b>									
SD	OEM	SDSDAE-064G	-25°C to 85°C	64	10	U3	UHS104	50	80
SD	Automotive XT	SDSDAG-064G-XA	-40°C to 85°C	64	10		High-Speed	20	20
SD	Industrial	SDSDAF-064G-I	-25°C to 85°C	64	10		High-Speed	20	20
SD	Industrial XT	SDSDAF-064G-XI	-40°C to 85°C	64	10		High-Speed	20	20
<b>128GB</b>									
SD	OEM	SDSDAE-128G	-25°C to 85°C	128	10	U3	UHS104	50	80



## microSD Cards

Form Factor	Category	SKU	Operating Temp	Cap	Class	U1/U3	Bus Mode	Seq WR	Seq RD
<b>4GB</b>									
microSD	OEM	SDSDQAB-004G	-25°C to 85°C	4	4		UHS50	5	20
<b>8GB</b>									
microSD	OEM	SDSDQAB-008G	-25°C to 85°C	8	4		UHS50	5	20
microSD	OEM	SDSDQAD-008G	-25°C to 85°C	8	10	U1	UHS50	10	40
microSD	Industrial	SDSDQAF-008G-I	-25°C to 85°C	8	10		High-Speed	10	40
<b>16GB</b>									
microSD	OEM	SDSDQAB-016G	-25°C to 85°C	16	4		UHS50	5	20
microSD	OEM	SDSDQAD-016G	-25°C to 85°C	16	10	U1	UHS50	10	40
microSD	Industrial	SDSDQAF-016G-I	-25°C to 85°C	16	10		High-Speed	10	40
<b>32GB</b>									
microSD	OEM	SDSDQAB-032G	-25°C to 85°C	32	4		UHS50	5	20
microSD	OEM	SDSDQAD-032G	-25°C to 85°C	32	10	U1	UHS50	10	40
microSD	OEM	SDSDQAE-032G	-25°C to 85°C	32	10	U3	UHS104	50	80
microSD	Industrial	SDSDQAF-032G-I	-25°C to 85°C	32	10		High-Speed	20	20
<b>64GB</b>									
microSD	OEM	SDSDQAB-064G	-25°C to 85°C	64	4		UHS50	5	20
microSD	OEM	SDSDQAD-064G	-25°C to 85°C	64	10	U1	UHS50	10	40
microSD	OEM	SDSDQAE-064G	-25°C to 85°C	64	10	U3	UHS104	50	80
microSD	Industrial	SDSDQAF-064G-I	-25°C to 85°C	64	10		High-Speed	20	20
<b>128GB</b>									
SDSDQAD	OEM	SDSDQAD-128G	-25°C to 85°C	128	10	U1	UHS50	50	80

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