

USB

The Innodisk industrial-grade USB series is built as SLC NAND flash and features an attractive small form factor. It provides high-capacity flash memory storage while delivering faster data transmission with high reliability. It also complies with the high-speed USB 2.0 interface and is backward compatible with USB 1.1. The Innodisk USB series has a variety of special features, from plastic and metal housing to secure mounting holes to EDC choices.



Model Name	USB EDC (Vertical)	USB EDC (Vertical, D type)	USB EDC (Horizontal, P type)
Key Features	Plastic housing, dust prevention	Enhanced power cycling	Supports mounting hole
Interface	USB 2.0	USB 2.0	USB 2.0
Connector	Type II, 10pin, 2.54mm	Standard, 10pin, 2.54mm	Low profile, 10pin, 2.00mm
Flash Type	SLC	SLC	SLC
Capacity	512MB-2GB	512MB-4GB	512MB-16GB
Max. Channels	1	2	2
Sequential R/W (MB/sec, max.)	19/17	32/20	32/20
Max. Power consumption	0.45W (5V x 90mA)	0.6W (5V x 120mA)	0.6W (5V x 120mA)
H/W Write Protect	N	Optional	Optional
Dimension (WxLxH/mm)	15.2 x 34.1 x 6.4	24 x 31.8 x 5.0	26.6 x 36.9 x 6.6
Environment	Vibration: 5G @7~2000Hz Shock 50G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours		
Standard OP(0°C~+70°C)	DEUX-XXXU52C***	DEUV4-XXXI21AC***	DEUP-XXXI21C***
Wide temp. OP (-40°C~+85°C)		DEUV4-XXXI21AW***	DEUP-XXXI21W***
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G) *** = flash configuration (internal control code)		



Model Name	USB EDC (Horizontal, F type)	USB EDC (Horizontal, C type)	Industrial USB Drive 2.0	Industrial Nano USB
Key Features	1. Supports mounting hole	1. Enhanced shock & vibration	1. Metal Housing for ESD proof 2. Golden finger with 30u	1. i-S.M.A.R.T utility for health monitor 2. Smallest USB Drive in the world
Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Connector	Standard, 10pin, 2.54mm	Standard, 10pin, 2.54mm	Type A	Type A
Flash Type	SLC	SLC	SLC	SLC
Capacity	512MB-16GB	512MB-4GB	512MB-8GB	1GB-8GB
Max. Channels	2	2	1	1
Sequential R/W (MB/sec, max.)	32/20	32/20	19/17	19/17
Max. Power consumption	0.6W (5V x 120mA)	0.6W (5V x 120mA)	0.45W (5V x 90mA)	0.45W (5V x 90mA)
H/W Write Protect	Optional	Optional	N	N
Dimension (WxLxH/mm)	26.6 x 36.9 x 9.6	26.6 x 36.9 x 9.6	16.6 x 45.9 x 7.6	15.4 x 19.4 x 6.9
Environment	Vibration: 5G @7~2000Hz Shock 50G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: >3 million hours			
Standard OP(0°C~+70°C)	DEUF-XXXI21C***	DEUFC-XXXI21AC***	DEUA-XXXI21AC***	DEUN-XXXS23AC***
Wide temp. OP (-40°C~+85°C)	DEUF-XXXI21W***	DEUFC-XXXI21AW***	DEUA-XXXI21AW***	DEUN-XXXS23AW***
Notes	xxx = density (02GB=02G, 04GB=04G, 08GB=08G) *** = flash configuration (internal control code)			