

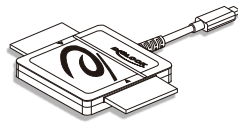
CATALOGUE 2020

CFast II

Supports CFast type I / II memory card /
CFast 1.0 and 2.0



CFAST



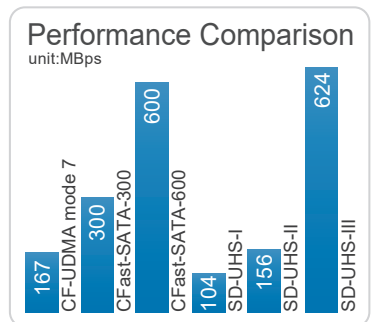
- | | | | | | |
|----|---|---|----|---|--|
| 02 |  | 21339
USB 3.1 Gen 2 Type-C™ Card Reader > CFAST 2.0 x 2 | 03 |  | 42582
External Enclosure 2 x CFAST 2.0 > USB 3.1 Gen 2 with RAID |
| 04 |  | 42583
3.5" metal frame 2 x CFAST 2.0 > USB 3.1 Gen 1 with RAID | 05 |  | 54538
CFAST Flash Card SATA 6 Gb/s Typ MLC 8 GB |
| 06 |  | 54649
CFAST Flash Card SATA 6 Gb/s Typ MLC 16 GB | 07 |  | 54650
CFAST Flash Card SATA 6 Gb/s Typ MLC 32 GB |
| 08 |  | 54651
CFAST Flash Card SATA 6 Gb/s Typ MLC 64 GB | 09 |  | 54652
CFAST Flash Card SATA 6 Gb/s Typ MLC 128 GB |
| 10 |  | 54699
CFAST Flash Card SATA 6 Gb/s Typ MLC -40°C ~ +85°C 8GB | 11 |  | 54700
CFAST Flash Card SATA 6 Gb/s Typ MLC -40°C ~ +85°C 16 GB |
| 12 |  | 54701
CFAST Flash Card SATA 6 Gb/s Typ MLC -40°C ~ +85°C 32 GB | 13 |  | 54702
CFAST Flash Card SATA 6 Gb/s Typ MLC -40°C ~ +85°C 64 GB |
| 14 |  | 54703
CFAST Flash Card SATA 6 Gb/s Typ MLC -40°C ~ +85°C 128 GB | 15 |  | 62671
CFAST Adapter for SDXC / SDHC /SD Memory Cards |
| 16 |  | 91495
SATA Card Reader for CFAST Low Profile Form Factor | 17 |  | 91496
SATA 3.5" Card Reader > CFAST |
| 18 |  | 91680
SATA 3.5" Card Reader > CFAST push push | 19 |  | 91681
SATA 2.5" Card Reader > CFAST |
| 20 |  | 91686
USB 3.0 Card Reader > CFAST 2.0 push push | 21 |  | 91714
Card Reader SATA > CFAST 2.0 push push |
| 22 |  | 91715
SATA 2.5" Card Reader > CFAST | 23 |  | 91750
SATA 2.5" Card Reader > CFAST |

USB 3.1 Gen 2 Type-C™ Card Reader > CFast 2.0 x 2

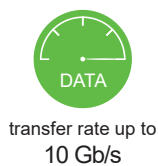
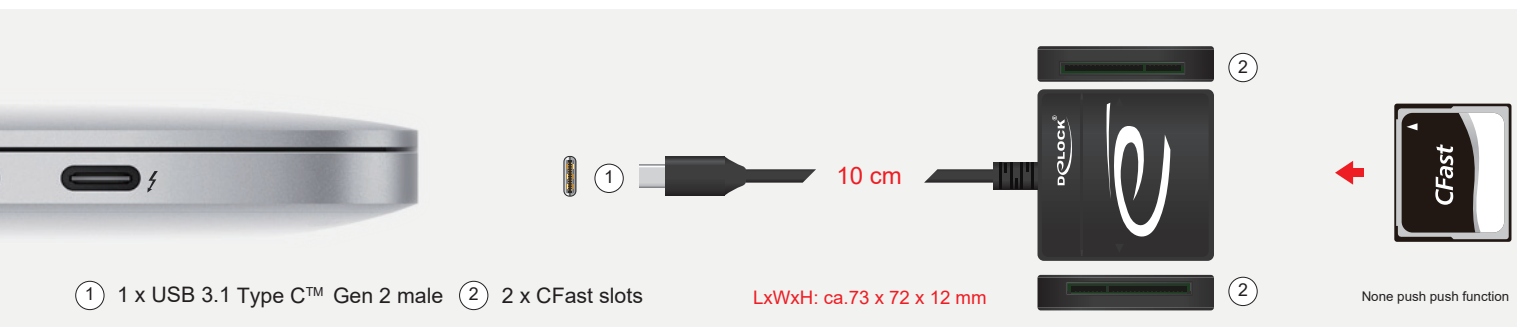
Supports CFast type I memory card, support CFast 2.0

2 x CFast slot

black



CE FC



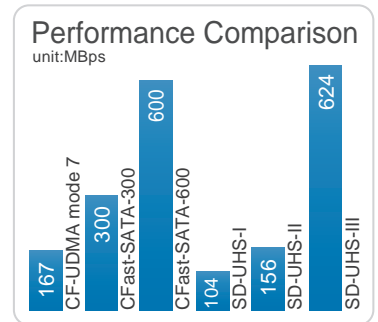
External Enclosure 2 x CFast 2.0 > USB 3.1 Gen 2 with RAID

Chipset: Asmedia ASM1352R

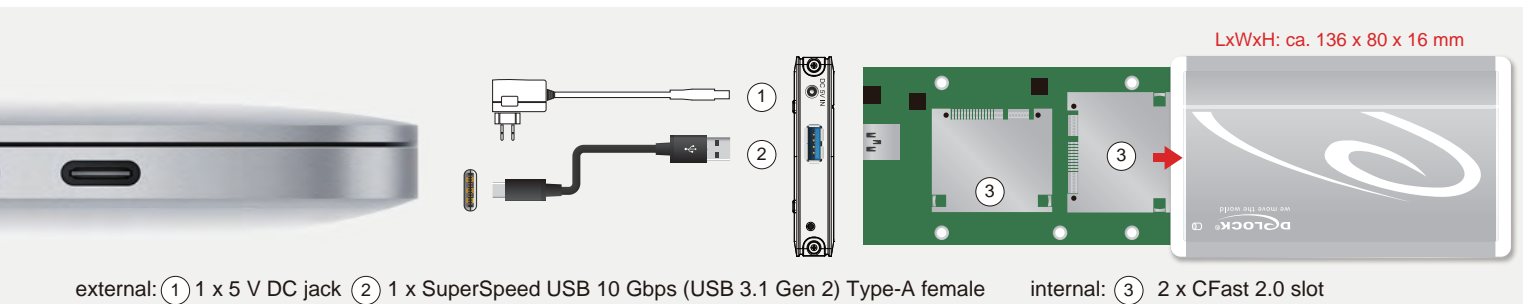
Supports CFast type I / II memory cards, support CFast 2.0

Supports RAID 0, 1, SPAN, Port Multiplier

- RAID**
- 2 x CFast slot**
- silver**



CE FC



Windows
7/7-64/8.1/8.1-64
10/10-64



Linux
ex Kernel 4.6



transfer rate up to
10 Gb/s



PCB
Full-PCB



Hot Swap
Plug & Play

3.5" metal frame 2 x CFast 2.0 > USB 3.1 Gen 1 with RAID

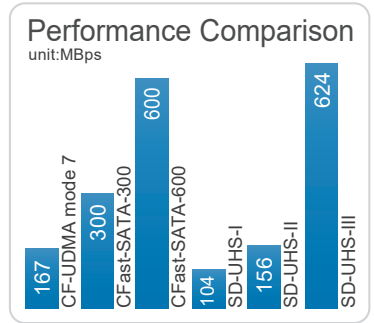
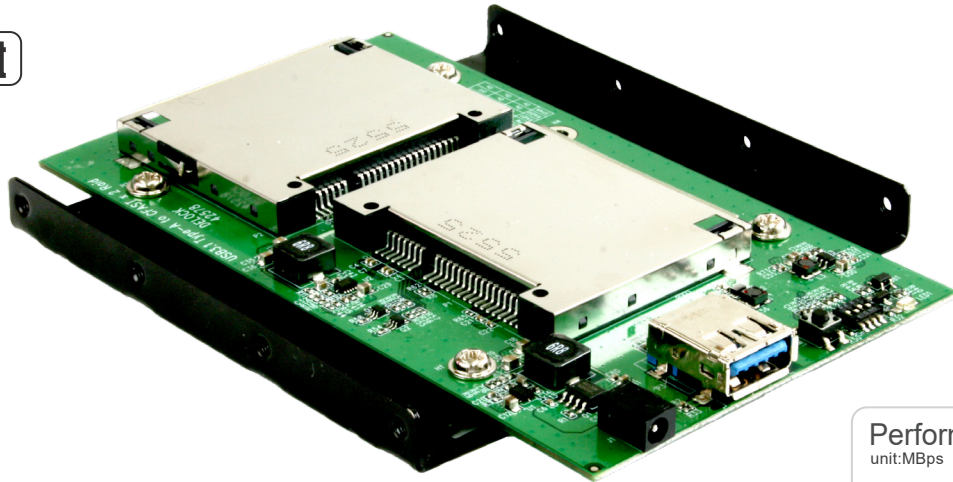
Chipset: Asmedia ASM1352R

Supports CFast type I / II memory cards, support CFast 2.0

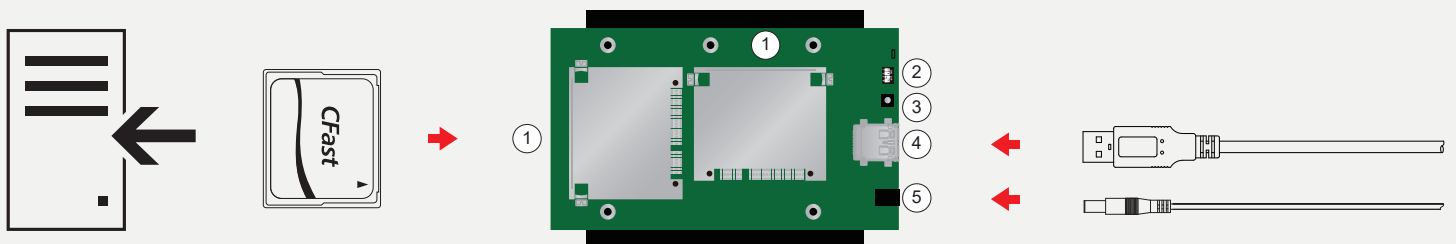
Supports RAID 0, 1, SPAN, Port Multiplier

RAID

2 x CFast slot



CE FC



- ① 2 x CFast 2.0 slot
- ② Switch(SW3)
- ③ Touch Switch(SW1)
- ④ 1 x USB 3.1 Gen 1 Type A port
- ⑤ 1 x 5V DC jack



Windows

Server-2003/Vista/
7/7-64/8/8-64/8.1/8.1-64



Mac OS

10.8.2



transfer rate up to
5 Gb/s



LED indicator for
power and access



Hot Swap
Plug & Play

CFast Flash Card SATA 6 Gb/s Typ MLC

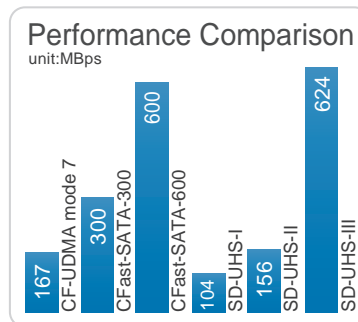
8 GB



E13

- | | |
|----------------|----------------|
| 54538 8 GB | 54699 8 GB |
| 54649 16 GB | 54700 16 GB |
| 54650 32 GB | 54701 32 GB |
| 54651 64 GB | 54702 64 GB |
| 54652 128 GB | 54703 128 GB |

CE FC



ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

CFast Flash Card SATA 6 Gb/s Typ MLC

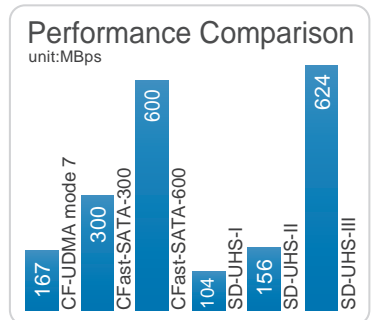
16 GB



E13

- | | |
|----------------|----------------|
| 54538 8 GB | 54699 8 GB |
| 54649 16 GB | 54700 16 GB |
| 54650 32 GB | 54701 32 GB |
| 54651 64 GB | 54702 64 GB |
| 54652 128 GB | 54703 128 GB |

CE FC



ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

CFast Flash Card SATA 6 Gb/s Typ MLC

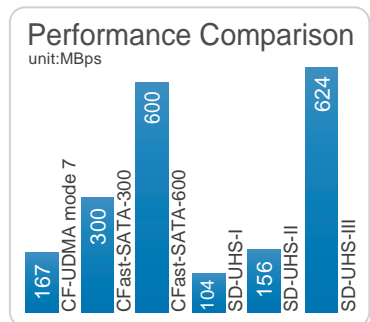
32 GB



E13

- | | |
|----------------|----------------|
| 54538 8 GB | 54699 8 GB |
| 54649 16 GB | 54700 16 GB |
| 54650 32 GB | 54701 32 GB |
| 54651 64 GB | 54702 64 GB |
| 54652 128 GB | 54703 128 GB |

CE FC



ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

CFast Flash Card SATA 6 Gb/s Typ MLC

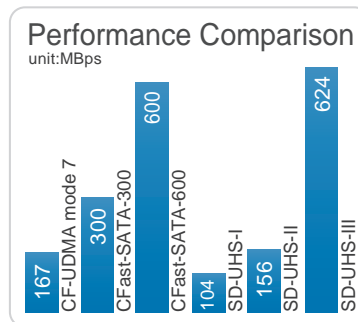
64 GB



E13

- | | |
|----------------|----------------|
| 54538 8 GB | 54699 8 GB |
| 54649 16 GB | 54700 16 GB |
| 54650 32 GB | 54701 32 GB |
| 54651 64 GB | 54702 64 GB |
| 54652 128 GB | 54703 128 GB |

CE FC



ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

CFast Flash Card SATA 6 Gb/s Typ MLC

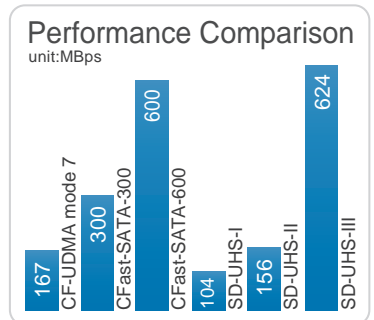
128 GB



E13

- | | |
|----------------|----------------|
| 54538 8 GB | 54699 8 GB |
| 54649 16 GB | 54700 16 GB |
| 54650 32 GB | 54701 32 GB |
| 54651 64 GB | 54702 64 GB |
| 54652 128 GB | 54703 128 GB |

CE FC

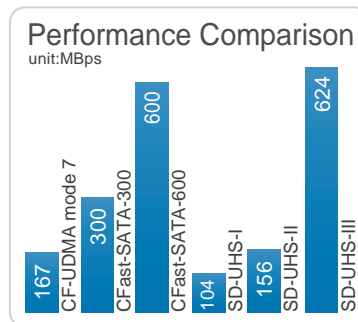


ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

CFast Flash Card SATA 6 Gb/s Typ MLC

8 GB
Industrial Grade


54538 8 GB	54699 8 GB
54649 16 GB	54700 16 GB
54650 32 GB	54701 32 GB
54651 64 GB	54702 64 GB
54652 128 GB	54703 128 GB



ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C Industrial Grade	-40°C ~ +85°C Industrial Grade	-40°C ~ +85°C Industrial Grade	-40°C ~ +85°C Industrial Grade	-40°C ~ +85°C Industrial Grade

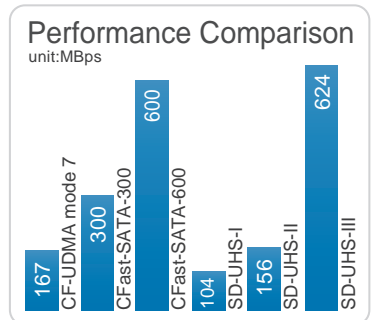
CFast Flash Card SATA 6 Gb/s Typ MLC

16 GB

Industrial Grade



54538 8 GB	54699 8 GB
54649 16 GB	54700 16 GB
54650 32 GB	54701 32 GB
54651 64 GB	54702 64 GB
54652 128 GB	54703 128 GB



ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

CFast Flash Card SATA 6 Gb/s Typ MLC

32 GB

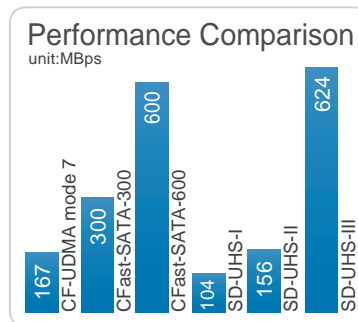
Industrial Grade



E13

54538 8 GB	54699 8 GB
54649 16 GB	54700 16 GB
54650 32 GB	54701 32 GB
54651 64 GB	54702 64 GB
54652 128 GB	54703 128 GB

CE FC



ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

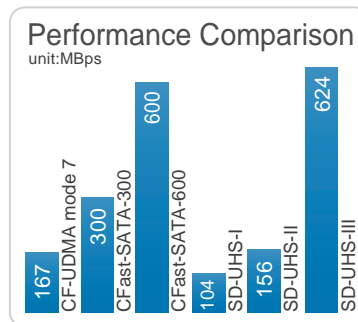
CFast Flash Card SATA 6 Gb/s Typ MLC

64 GB

Industrial Grade



54538 8 GB	54699 8 GB
54649 16 GB	54700 16 GB
54650 32 GB	54701 32 GB
54651 64 GB	54702 64 GB
54652 128 GB	54703 128 GB



ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

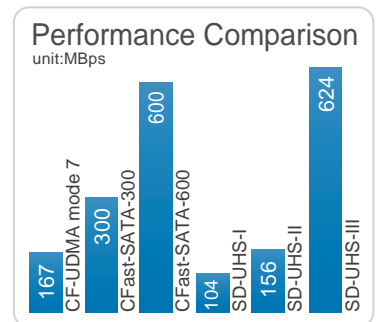
CFast Flash Card SATA 6 Gb/s Typ MLC

128 GB

Industrial Grade



54538 8 GB	54699 8 GB
54649 16 GB	54700 16 GB
54650 32 GB	54701 32 GB
54651 64 GB	54702 64 GB
54652 128 GB	54703 128 GB



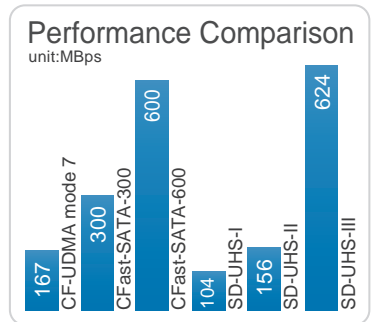
ITEM NO	54538	54649	54650	54651	54652	54699	54700	54701	54702	54703
Capacity	8 GB	16 GB	32 GB	64 GB	128 GB	8 GB	16 GB	32 GB	64 GB	128 GB
Interface:	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Chip:	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba	Toshiba
Flash Typ:	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC	MLC
Max. Channel:	2	2	2	2	2	2	2	2	2	2
Maximum speed (read):	310 MB/s	310 MB/s	310 MB/s	310 MB/s	310 MB/s	100 MB/s	220 MB/s	200 MB/s	200 MB/s	200 MB/s
Maximum speed (write):	150 MB/s	150 MB/s	150 MB/s	150 MB/s	150 MB/s	20 MB/s	35 MB/s	70 MB/s	110 MB/s	110 MB/s
Maximum write cycles:	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Maximum power consumption:	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W	1.1 W
S.M.A.R.T.:	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Vibration:	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H	20 G - 7 ~ 2000 H
Shock:	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms	1500 G - 0.5 ms
MTBF:	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours	>3 million hours
Storage temperature:	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C	-55°C ~ +95°C
Operation temperature:	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	0 °C ~ +70 °C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C
						Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade	Industrial Grade

CFast Adapter for SDXC / SDHC / SD Memory Cards

Push to push SD socket
for digital cameras with CFast slot
To use standard SDXC / SDHC / SD memory cards

1 x SD slot

CFast type II



LxWxH: ca. 43 x 36.25 x 5 mm



Windows
7/7-64/8.1/8.1-64
10/10-64



Mac OS
Lion 10.9



Linux
Kernel 3.19



Supports memory up to
2 TB

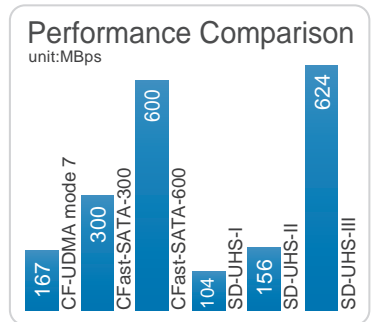
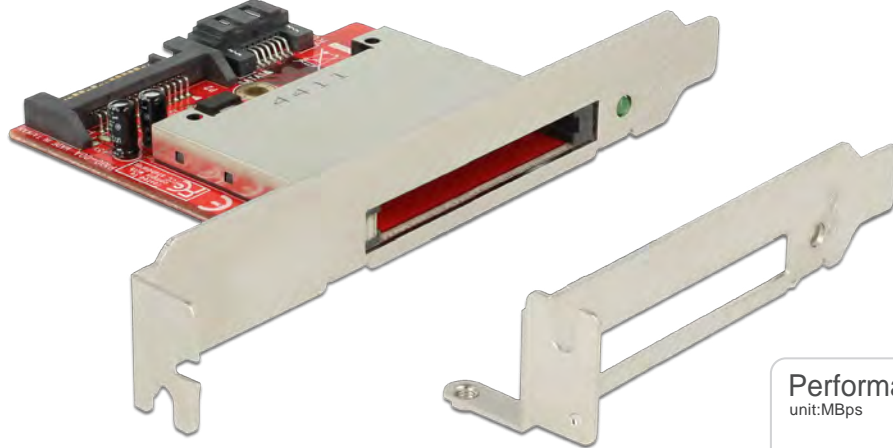


file system
FAT / FAT32 / exFAT / NTFS

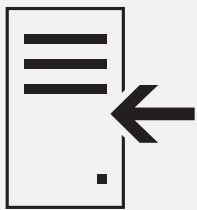
SATA Card Reader for CFast Low Profile Form Factor

Push to push CFast socket
 Supports CFast type I / II memory cards
 Supports CFast 1.0 and 2.0
 OS independent, no driver installation necessary

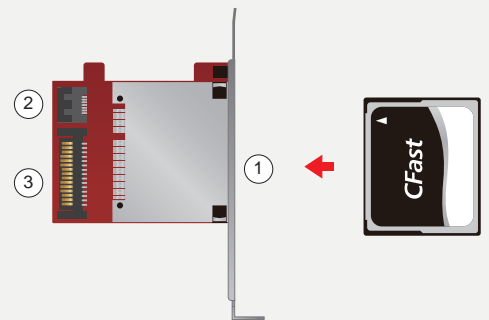
- 1 x CFast slot**
- Bootable**



CE FC



external: ① 1 x CFast slot internal: ② 1 x SATA 7 pin male ③ 1 x SATA 15 pin male



Bootable



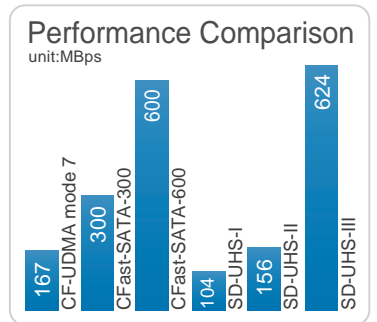
push & push

SATA 3.5" Card Reader > CFast

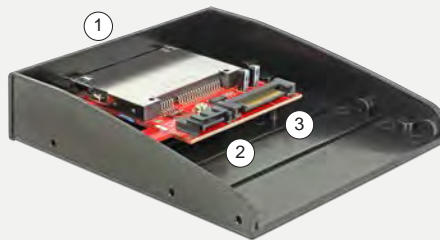
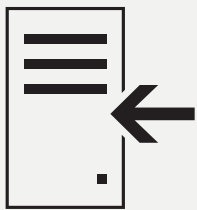
Push to push CFast socket
 Supports CFast type I / II memory cards
 Supports CFast 1.0 and 2.0

1 x CFast slot

Bootable



CE FC



external: ① 1 x CFast slot internal: ② 1 x SATA 7 pin plug ③ 1 x SATA 15 pin plug



Bootable



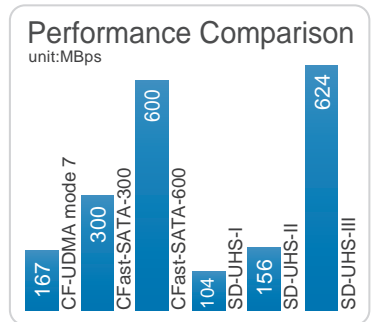
push & push

SATA 3.5" Card Reader > CFast

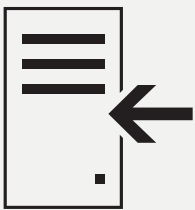
Push to push CFast socket
 Supports CFast type I / II memory cards
 Supports CFast 1.0 and 2.0

1 x CFast slot

Bootable



CE FC



internal: ① 1 x SATA 22 pin plug external: ② 1 x CFast slot



Bootable



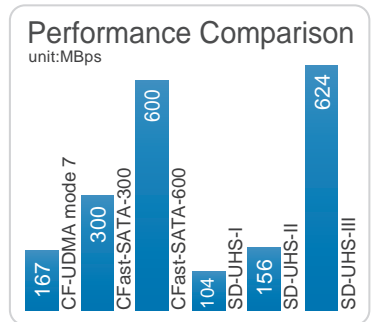
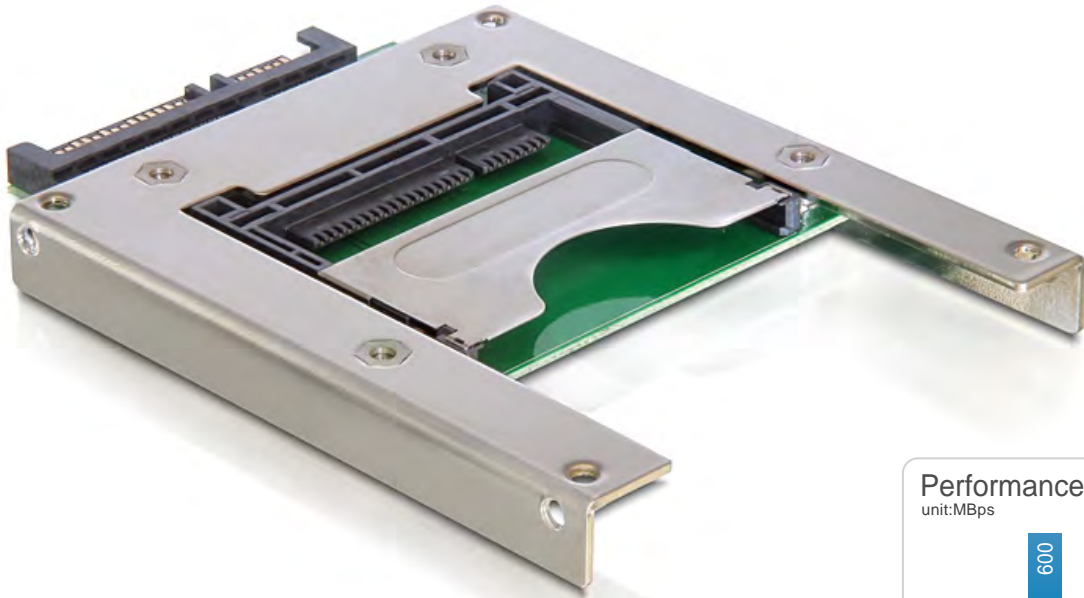
push & push

SATA 2.5" Card Reader > CFast

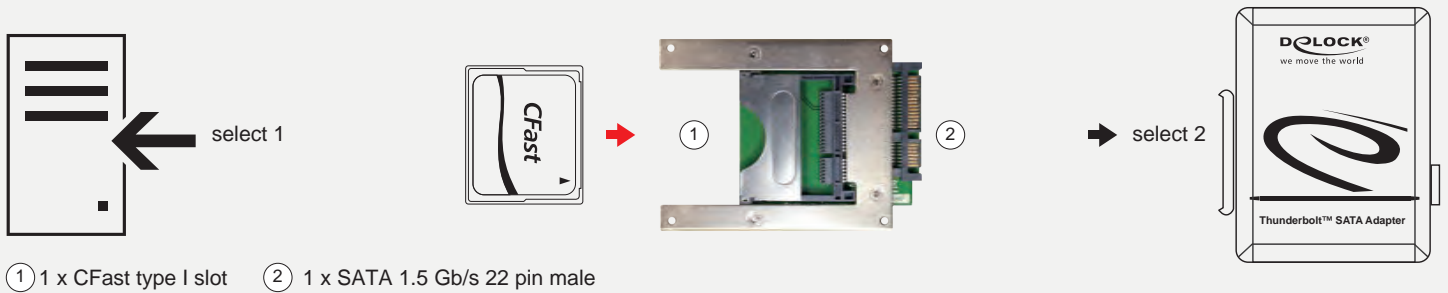
Supports CFast type I memory cards
Supports memory cards up to 64 GB

1 x CFast slot

Bootable



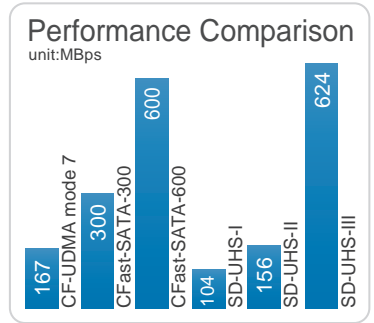
CE FC



USB 3.0 Card Reader > CFast 2.0

To read and write CFast memory cards
 Supports CFast type I / II memory cards
 Downwards compatible to CFast 1.0

- 1 x CFast slot**
- Aluminium**
- black**



CE FC



- ① 1 x USB 3.0 Type Micro-B female ② 1 x CFast 2.0 slot

LxWxH: ca. 82 x 60 x 12 mm




Windows
XP/Vista/7/7-64
8.1/8.1-64/10/10-64



Mac OS
10.7 / 10.8



Linux
ex Kernel 3.13



DATA
transfer rate up to
5 Gb/s

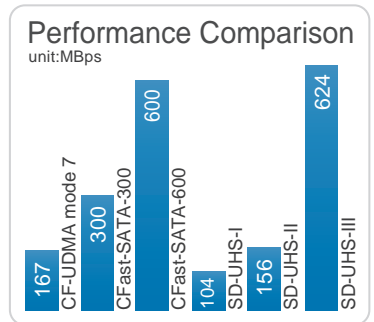


**Hot Swap
Plug & Play**

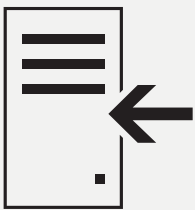
Card Reader SATA > CFast 2.0

Supports CFast card type II, support CFast 2.0
Push to push CFast socket

- 1 x CFast slot**
- Bootable**



CE FC



① 1 x SATA 22 pin male ② 1 x CFast slot

LxWxH: ca. 66.5 mm x 64 mm x 7.3 mm

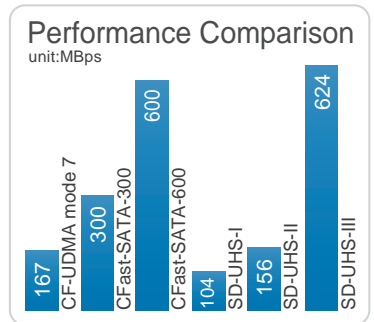


SATA 2.5" Card Reader > CFast 2.0

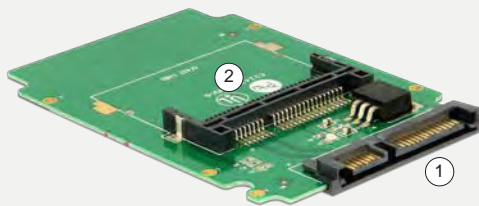
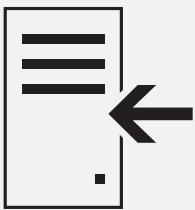
Supports CFast type I / II memory cards, support CFast 2.0
OS independent, no driver installation necessary

1 x CFast slot

Bootable



CE FC



① 1 x SATA 3 Gb/s 22 pin female ② 1 x CFast slot

LxWxH: ca. 100 x 70 x 5.5 mm

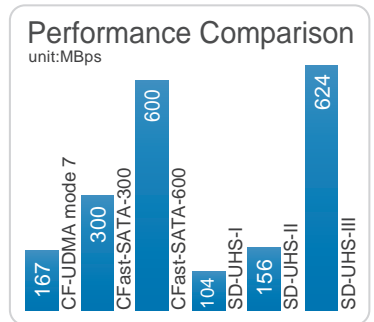


Bootable

SATA 2.5" Card Reader > CFast

Supports CFast type I / II memory cards

- 1 x CFast slot**
- Bootable**
- 6 Gb/s**



CE FC



- ① 1 x CFast slot
- ② 1 x SATA 6 Gb/s 22 pin plug



Bootable



Support S.M.A.R.T



Support TRim



LED indicator for power and activity



Support DevSleep



Hot Swap Plug & Play