



CFast 3TE7

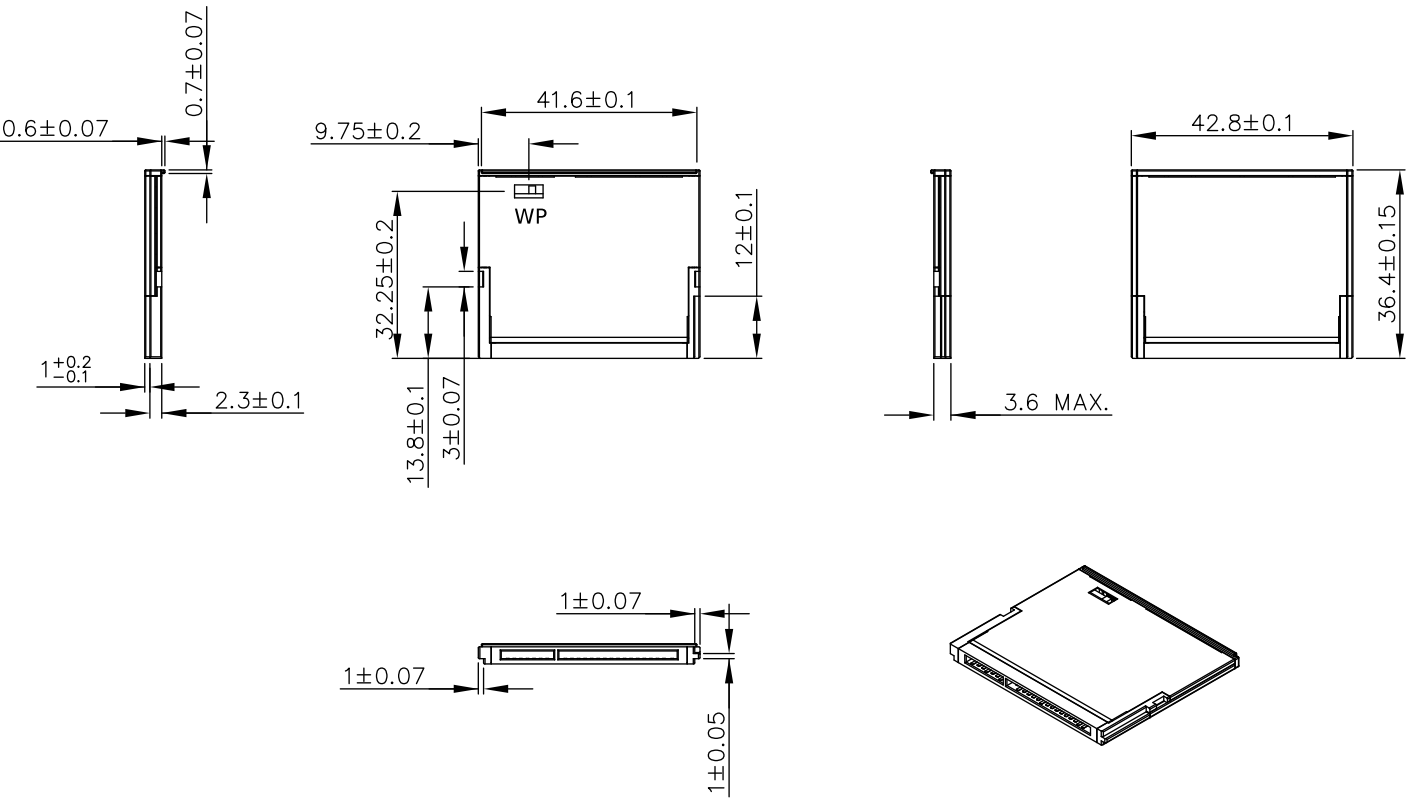
HIGHLIGHT FEATURES

- High IOPS
- iSMART disk health monitoring
- iPower Guard for protecting unstable start up and shut down
- iData Guard for abnormal power failure
- DEVSLP supported
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

Model Name	CFast 3TE7
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	CFast 2.0
Capacity	32GB ~ 1TB
Sequential R / W (MB/sec, max.)	560 / 490
P/E Cycle	3,000
TBW (Max.)	1,200
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	2.5W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Y
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	N
Dimension (W x L x H/mm)	42.8 x 36.4 x 3.6
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
32GB	DECFA-32GDK1EC1SF(W)	DECFA-32GDK1EW1SF(W)
64GB	DECFA-64GDK1%C*DF(W)	DECFA-64GDK1%W*DF(W)
128GB	DECFA-A28DK1%C*DF(W)	DECFA-A28DK1%W*QF(W)
256GB	DECFA-B56DK1%C*QF(W)	DECFA-B56DK1%W*QF(W)
512GB	DECFA-C12DK1%C*QF(W)	DECFA-C12DK1%W*QF(W)
1TB	DECFA-01TDK1%C*QF(W)	DECFA-01TDK1%W*QF(W)

*. PCB version control
%. E : 64 layers 3D TLC / K : 112 layers 3D TLC
(W) : H/W write protect function (Optional)