



## CFast 3TE7

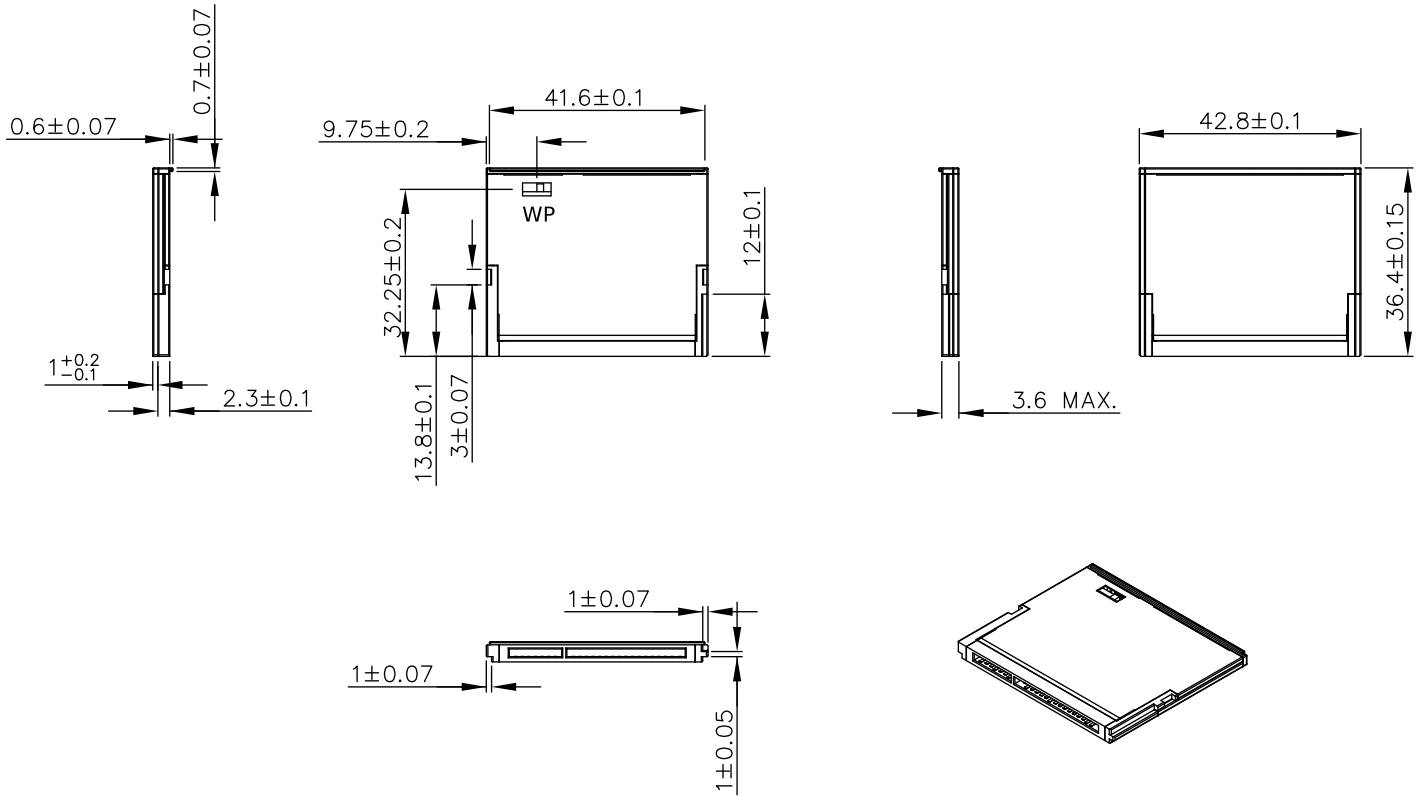
### HIGHLIGHT FEATURES

- High IOPS
- iSMART disk health monitoring
- iPower Guard for protecting unstable start up and shut down
- iData Guard for abnormal power failure
- DEVSLP supported

### SPECIFICATIONS

<b>Model Name</b>	CFast 3TE7
<b>Flash Type</b>	3D TLC
<b>Interface</b>	SATA III 6.0 Gb/s
<b>Form Factor</b>	CFast 2.0
<b>Capacity</b>	128GB ~ 1TB
<b>Sequential R / W (MB/sec, max.)</b>	550 / 500
<b>P/E Cycle</b>	3,000
<b>TBW (Max.)</b>	1,200
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Max. Power Consumption</b>	1.8W
<b>Max. Channels</b>	4
<b>External DRAM Buffer</b>	N
<b>H/W Write Protect</b>	Y
<b>S.M.A.R.T.</b>	Y
<b>AES</b>	Y (Optional)
<b>TCG Opal</b>	N
<b>Dimension (W x L x H/mm)</b>	42.8 x 36.4 x 3.6
<b>Vibration</b>	20G@[7 ~ 2000Hz]
<b>Shock</b>	1500G@0.5ms
<b>MTBF</b>	>3 million hours
<b>Warranty</b>	3 Years

# DIAGRAM



## ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
64GB	DECFA-64GDK1KCASL(W)	-
128GB	DECFA-A28DK1%CADL(W)	DECFA-A28DK1GWADL(W)
256GB	DECFA-B56DK1%CAQL(W)	DECFA-B56DK1GWAQL(W)
512GB	DECFA-C12DK1%CAQL(W)	DECFA-C12DK1GWAQL(W)

% : G : 96 layers 3D TLC / K : 112 layers 3D TLC  
(W) : H/W write protect function (Optional)

HQ (Taiwan) T +886-2-7703-3000 / E sales@innodisk.com

CN T +86-755-2167-3689 / E sales\_cn@innodisk.com

US T +1-510-770-9421 / E usasales@innodisk.com

EU T +31-40-3045-400 / E eusales@innodisk.com

JP T +81-3-6667-0161 / E jp\_sales@innodisk.com

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