

# CFast

Model		ISC3E		ICFS314
Interface		7+17 pin SATA	7+17 pin SATA	7+17 pin SATA
Capacity		4GB~64GB	4GB~128GB	32GB~512GB
Operating Voltage		3.3V	3.3V	3.3V
Flash Type		SLC	MLC	3D MLC
Sequential Read (max.)		165MB/s	430MB/s	485MB/s
Sequential Write (max.)		170MB/s	120MB/s	485MB/s
Data Transfer Mode		SATA III 6.0Gbps	SATA III 6.0Gbps	SATA III 6.0Gbps
Operating Temperature	Commercial	0°C to +70°C	0°C to +70°C	-10°C to +80°C
	Industrial	-40°C to +85°C	-40°C to +85°C	-40°C to +90°C
Operating Humidity		0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing
Power Consumption (max.)		1.1W	1.1W	2.33W
MTBF		>2,000,000 hrs	>1,000,000 hrs	>2,000,000 hrs
Vibration Resistance		20G (10~2000Hz)	20G (10~2000Hz)	20G (10~2000Hz)
Shock Resistance		1500G / 0.5ms, Half Sine Wave	1500G / 0.5ms, Half Sine Wave	1500G / 0.5ms, Half Sine Wave
Dimensions (L x W x H)		36.4 x 42.8 x 3.6mm	36.4 x 42.8 x 3.6mm	36.4 x 42.8 x 3.6mm
S.M.A.R.T.		Supported	Supported	Supported
A+ SLC Mode		—	Supported	—
Features		<ul style="list-style-type: none"> <li>· Compatible with CFast 2.0 specifications</li> <li>· Flash Management</li> <li>· Error Correcting Code (ECC)</li> <li>· Wear Leveling function</li> <li>· H/W Power Detector and Flash Protection</li> </ul>		
Applications		Networking, POS System, Kiosk, Industrial Control, Personal Computing, Interactive Device, Gambling and Lottery Machine, Medical Application, Military, Aerospace		