

# Industrial CF

Model		IPC17	IPC39
Interface		50 pin CF (ATA)	50 pin CF (ATA)
Capacity		512MB~8GB	8GB~128GB
Operating Voltage		3.3V / 5V	3.3V / 5V
Flash Type		SLC	MLC
Sequential Read (max.)		45MB/s	160MB/s
Sequential Write (max.)		25MB/s	25MB/s
Data Transfer Mode		PIO Mode 0~6	PIO Mode 0~6
		Multi-Word DMA Mode 0~4 Ultra DMA Mode 0~4	Multi-Word DMA Mode 0~4 Ultra DMA Mode 0~7
Operating Temperature	Commercial	0°C to +70°C	0°C to +70°C
	Industrial	-40°C to +85°C	-40°C to +85°C
Operating Humidity		0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing
Power Consumption (max.)		0.5W	2W
MTBF		>2,000,000 hrs	>1,000,000 hrs
Vibration Resistance		20G (10~2000Hz)	20G (10~2000Hz)
Shock Resistance		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
S.M.A.R.T.		Supported	Supported
Features		<ul style="list-style-type: none"> <li>· Compliant with CF 4.0 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>	<ul style="list-style-type: none"> <li>· Compliant with CF 6.0/4.0 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	