

CompactFlash Card

IPC17



ADATA's industrial-grade CompactFlash (CF) memory cards are designed to provide high compatibility, durability, reliability, and operations security to meet the requirements of industrial computers, retail (POS, kiosk), healthcare, and gaming applications. It supports ECC (error correcting code) function, which automatically detects and corrects errors for data integrity, and Wear Leveling technology, which evenly maps data over an entire system to extend the product lifespan.

Features

- Compliant with CF 4.1 specifications
- Built-in Error Correcting Code (ECC)
- Wear Leveling
- Low power consumption: 0.5W
- Wide temperature support: -40°C to 85°C
- Suitable for industrial PCs, POS, kiosks, healthcare, and gaming applications

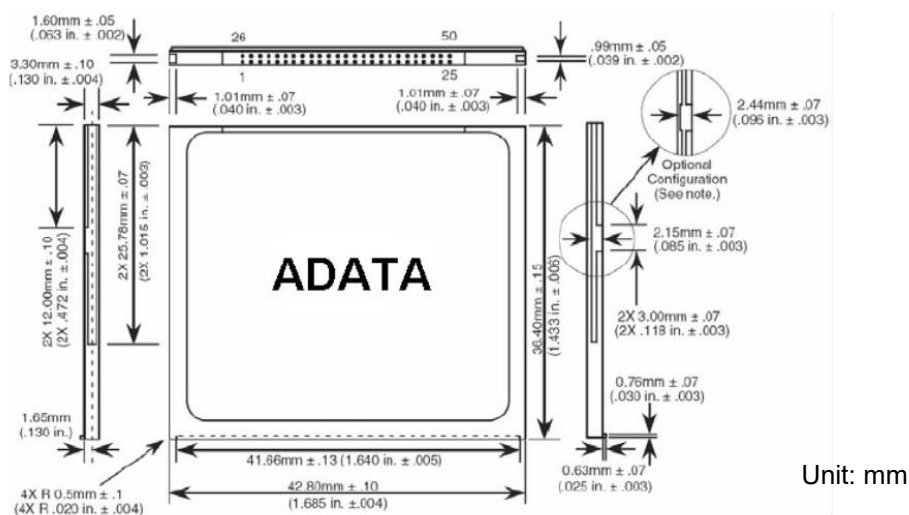
Ordering Information

Operating Temp.	512MB	1GB	2GB	4GB	8GB
0°C to 70°C	IPC17-512MF	IPC17-001GF	IPC17-002GF	IPC17-004GF	IPC17-008GF
-40°C to 85°C	N/A	IPC17-001GW	IPC17-002GW	IPC17-004GW	IPC17-008GW

Specifications

Model	IPC17
Form Factor	CF50 pin type 1
Capacity	512MB – 8GB
Interface	PIO Mode 0-6, Multi-Word DMA Mode 0-4, Ultra DMA Mode 0-5
Flash Type	SLC
Dimensions (L x W x H)	36.4 x 42.8 x 3.3mm
Sequential Read (Max.)	40MB/s
Sequential Write (Max.)	80MB/s
Operating Temperature (Standard)	0°C to 70°C
Operating Temperature (Industrial)	-40°C to 85°C
Operating Voltage	3.3V
Power Consumption (Max)	0.5W
Shock Resistance	1500G/0.5ms, Half Sine Wave
Operating Humidity	5%-95% RH, non-condensing
Vibration Resistance	20G (20-2000Hz)
Technologies	ECC, Wear Leveling, Bad Block Management,

Diagram



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