

## CFast Card

### ICFS31C



The ADATA ICFS31C industrial-grade CFast cards utilize 112-layer 3D TLC (BiCS5) NAND flash for higher capacities, and 3K P/E cycle rating for long-lasting durability while a DRAM Buffer offers improved IOPS and read/write speeds. What's more, with LDPC ECC error correction and RAID Engine, the ICFS31C ensures data accuracy and integrity. Customers can also benefit from S.M.A.R.T. technologies for easy management and real-time monitoring of ADATA cards. The ICFS31C is ideally suited for applications such as automation, IPC, retail (POS, Kiosks), networking, surveillance and healthcare.

### Features

- Compliant with CFast 2.0 specifications
- 112-layer 3D TLC (BiCS5) NAND flash for higher capacities and endurance- Wear Leveling
- 3K P/E Cycles – improved endurance and reliability
- Comes in capacities up to 1TB
- DRAM Buffer
- Wide temperature support: -40°C to 85°C
- LDPC ECC error correction, RAID Engine, and Wear Leveling
- Thermal Throttling automatically adjusts temperatures for prolonged product lifespan
- Suitable for automation, IPC, retail (POS, Kiosks), networking, surveillance and healthcare

### Ordering Information

Operating Temp.	128GB	256GB	512GB	1TB
0°C to 70°C	ICFS31C-128GCTB5	ICFS31C-256GCTB5	ICFS31C-512GCTB5	ICFS31C-001TCTB5
-40°C to 85°C	ICFS31C-128GITB5	ICFS31C-256GITB5	ICFS31C-512GITB5	ICFS31C-001TITB5

