

## Embedded Solutions



### CFast Cards

## CFX602

Featuring a SATA III interface, Transcend CFast 2.0 CFX602 Memory Cards boast high data transfer rates and extra large storage capacity. Transcend CFX602 cards can also be used as bootable disks.

### Hardware Features

- Compliant with RoHS 2.0 standards
- Compliant with CFast specification 2.0
- MLC NAND flash
- Durability: 10,000 insertion/removal cycles

### Firmware Features

- Built-in ECC (Error Correction Code) functionality
- Supports S.M.A.R.T. function to conduct health monitoring, analysis, and reporting for storage devices
- Wear-Leveling
- Power-saving DevSleep (Device Sleep) mode
- Advanced Global Wear-Leveling and Block management for reliability

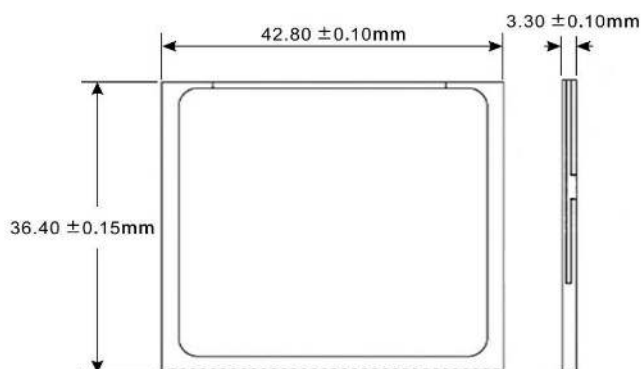
### Ordering Information

|       |              |
|-------|--------------|
| 8GB   | TS8GCFX602   |
| 16GB  | TS16GCFX602  |
| 32GB  | TS32GCFX602  |
| 64GB  | TS64GCFX602  |
| 128GB | TS128GCFX602 |
| 256GB | TS256GCFX602 |

## Specifications

|                              |                                   |                                                    |
|------------------------------|-----------------------------------|----------------------------------------------------|
| <b>Appearance</b>            | Dimensions                        | 42.8 mm x 36.4 mm x 3.3 mm (1.69" x 1.43" x 0.13") |
|                              | Form Factor                       | Compact flash card                                 |
| <b>Interface</b>             | Bus Interface                     | SATA III 6Gb/s                                     |
| <b>Storage</b>               | Flash Type                        | MLC NAND flash                                     |
|                              | Capacity                          | 8 GB / 16 GB / 32 GB / 64 GB / 128 GB / 256 GB     |
| <b>Operating Environment</b> | Operating Voltage                 | 3.3V±5%                                            |
|                              | Operating Temperature             | -5°C (23°F) ~ 70°C (158°F)                         |
|                              | Storage Temperature               | -40°C (-40°F) ~ 85°C (185°F)                       |
|                              | Humidity                          | 0% ~ 95%                                           |
|                              | Shock                             | 1500 G, 0.5 ms, 3 axis                             |
|                              | Vibration (Operating)             | 3 G (peak-to-peak), 5 Hz ~ 800 Hz (frequency)      |
| <b>Power</b>                 | Power Consumption (Max.)          | 2.01 watt(s)                                       |
| <b>Performance</b>           | Read Speed (Max.)                 | up to 500 MB/s                                     |
|                              | Write Speed (Max.)                | up to 350 MB/s                                     |
|                              | Mean Time Between Failures (MTBF) | 1,000,000 hour(s)                                  |
| <b>Warranty</b>              | Warranty                          | Three-year Limited Warranty                        |

## Mechanical Dimensions



Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment. Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios. For special applications and environments, it is strongly suggested that you contact Transcend beforehand for clarification.