

CFexpress cards are currently the newest solution supported by Compact Flash Association, which is capable of to fulfill the most rigid demands of industrial customer. By offering excellent performance and wide compatibility, Goodram's CFexpress™ Type B Card also provides a wide range of capacities available for users. In addition, industrial-grade CFexpress™ cards are available for any applications under rigorous environmental conditions including extensive temperature, shock and vibration.



	CFexpress
Flash type	3D TLC
Program/Erase cycles	3 000
Capacity	128 GB – 1024 GB
Interface	PCIe NVMe 3.0 x2
Key features	PCIe NVMe Gen3 x2 Type B Slot Wear Leveling LDPC ECC Lifetime Enhancements Power Fail Data Loss Protection TRIM Active State Power Management Firmware upgrade S.M.A.R.T. TCG Opal (optional) End-to-End Data Protection AES256 Encryption (optional) Build from major IC grades FIX BOM (optional) PCN and EOL notification
Operating temperature (°C)	-40 – 85
Storage temperature (°C)	-40 – 85
Maximum transfer speed (MB/s)	Read: up to 1610 Write: up to 820
Maximum power consumption (mW)	< 760
MTBF	> 2 000 000
Environmental tests resistance	High/Low temperature High Humidity (55%, 95% RH) Temperature Cycle (30 min, 20 cycles) Shock (1500 G, Half Sin Pulse) Vibration (80 – 2000 Hz/20 G in 3 Axis) Free Fall (0.8 m.)
Dimensions ((L×W×H)(mm))	38.5 × 29.6 × 3.8