

# MEMXPRO CFast EB31 Series

SLC like, industrial design



## Features

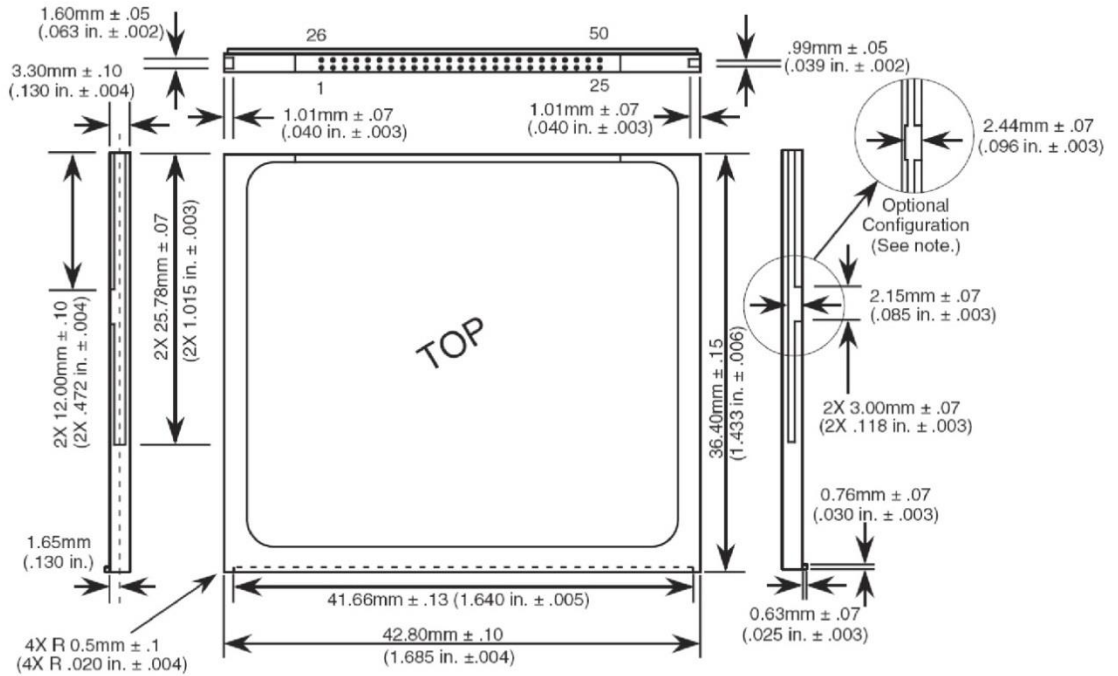
- Industrial SATA III CFast
- Compliant with CFast2.0 standard
- StrongMLC mode with 20K+ P/E cycles
- Commercial/extended/wide temp. solutions
- Built-in ECC
- NCQ/TRIM/SMART support
- mSMART storage device monitoring

## Specification

Product Model	CFast EB31
Interface	SATA III
Form Factor	CFast Type I
Flash Type	StrongMLC
Max. Channel	4
Density	8GB~32GB
Sequential R/W (MB/sec, max.)	509/157
Operating Temperature	0°C~+70°C/-25°C~+85°C/-40°C~+85°C
Max. Power Consumption	3.6W (3.3Vx1090mA)
Dimension (L x W x H/mm)	36.4x42.8x3.6
Operating Voltage	3.3V±5%, 5V±5%
Storage Temperature	-55°C~+95°C
External DRAM Buffer	N/A
Thermal Sensor	✓
DEVSLP Mode	<5mW
ATA Security	✓
S.M.A.R.T.	✓
TRIM	✓
Vibration	20G (7~2K Hz)
Shock Resistance	1500G@0.5ms
MTBF	>3 million hours

# Dimensions

Unit: mm



Note: The optional notched configuration was shown in the CF Specification Rev. 1.0. In specification Rev. 1.2, the notch was removed for ease of tooling. This optional configuration can be used but it is not recommended.

# Ordering Information

Capacity	Commercial (0°C~70°C)	Extended (-25°C~+85°C)	Industrial (-40°C~+85°C)
8GB	FECFA-08GTBS4X1C1	FECFA-08GTBS4X1E1	FECFA-08GTBS4X1W1
16GB	FECFA-16GTBS4X2C1	FECFA-16GTBS4X2E1	FECFA-16GTBS4X2W1
32GB	FECFA-32GTBS4X4C1	FECFA-32GTBS4X4E1	FECFA-32GTBS4X4W1