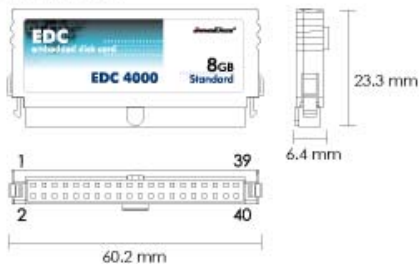


EDC 4000

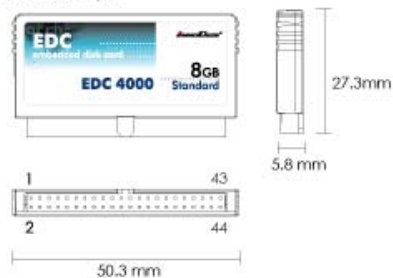


EDC 4000 40/44 pin Mechanical Drawing

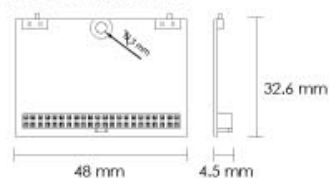
● EDC 4000 40-pin



● EDC 4000 44-pin



● EDC 4000 44-pin Horizontal



Robust and Rugged Design

- Master/slave switch selectable
- Suitable for high demanding applications
- Well performed under harsh operating environment and extended temperatures
- Anti-vibration, shock resistance



Reliable and Compatible

- Data integrity with Error Detection Code/Error Correction Code (EDC/ECC)
- Perfect replacement of hard drive, compatible with IDE/ATA 40-pin and 44-pin
- High operating reliability, durability and low power consumption
- Fully compatible with devices and OS

EDC/iCF 4000 Series supports PIO/MwDMA/UltraDMA modes with IDE/ATA interface and enhances the data transfer rate up to the performance of Read/Write: 40MB/20MB per second, which speeds up the booting process and upgrades the working environment efficiently.

EDC 4000 Specifications

General Specification

Capacities	32MB-8GB
Interface	40pin or 44 pin IDE/ATA
IDE Transfer Mode	PIO Mode 0-6, MwDMA 0-2, Ultra DMA 0-4
Burst speed Rate	33.3Mbytes/sec. 32MB~2GB(Single) - Read : 24Mbytes/sec (max.) Write : 8Mbytes/sec (max.)
Data Transfer Rate	2GB~8GB(Dual) - Read : 40Mbytes/sec (max.) Write : 20Mbytes/sec (max.)

System Reliability

ECC technology	High reliability based on the internal ECC function
MTBF	>3,000,000 hours
R/W Endurance	2,000,000 times
Wear-leveling	Support

Environmental Specification

Operating Temp.	-10° C ~ +70° C (Standard) -40° C ~ +85° C (Industrial Grade)
Storage Temp.	-55° C ~ +95° C
Humidity	10% ~ 95% non-condensing
Vibration	5G(7~2000Hz)
Shock	10G/10ms

Power Requirement

DC Input Voltage	+3.3V/+5V single power supply operation
Power Mode	Auto Stand-by and Sleep Mode
Power Consumption	150mA

Physical Specifications

Enclosure Material	PC Mechanical Cover
Dimension	40-pin: 60.2x6.4x27.8mm(WxLxH) 44-pin: 50.3x5.8x27.3mm(WxLxH)
Certification	44-pin Horizontal:48x5.5x32.6mm(WxLxH) CE, FCC, RoHS