



# Flash memory specialist...

UNITY Digital offers a full line of Flash Memory products that support multiple form factors required in OEM platform environments. Our product portfolio is the most diverse in the industry from legacy products, to leading edge products like Encrypted SSDs. All UNITY Digital Flash Memory products adhere to the latest industry compliance and regulatory standards including UL, FCC, RoHS, and various compliance associations. Each device, as specified, incorporates a proprietary state-of-the-art flash memory controller that provides the greatest flexibility to customer-specific applications while supporting key flash management features that provide the highest reliability, and endurance benchmarks in the industry.



### SATA SSD Drives (PATA available)

Unity Digital's SATA Solid State Disk (SSD) delivers all the advantages of Flash Disk technology with SATA II interface, fully compliant with standard 2.5-inch form factor. The SATA SSD is based on a standard 7-pin interface for data segment and 15-pin for power segment, designed to operate at a maximum operating frequency of 150MHz with 30MHz external crystal. Its capacity could provide a wide range from 4GB to up to 256GB.

2.5 Inch and 1.8 Inch SSDs ("I" Temp range available)

### Compact Flash



Unity Digital's Compact Flash products adhere to the latest industry compliance and regulatory standards including UL, FCC, and RoHS. Each device incorporates a state-of-the-art flash memory controller that provides the greatest flexibility to customer applications while supporting key flash management features that provides reliable, long-term solutions for embedded storage applications.

### Hardware Encrypted SSD FIPS 197



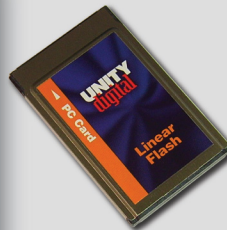
Crypto SSD SATA II 2.5"  
Range: 32GB | 64GB | 128GB | 256GB



The Crypto SSD is the first fully encrypted Solid State Drive available from Unity Digital. 256-bit AES CBC encryption will keep your sensitive data safe.

FIPS 197 Encrypted USB (PC and MAC)

### Legacy PC Cards ATA / Linear



Unity Digital's LEGACY PC Card are for applications requiring high reliability and high tolerance to shock, vibration, humidity, altitude, ESD, and temperature. The rugged industrial design combined with temperature testing and adherence to rigid JEDEC JESD22 standards ensures flawless execution in the harshest environments.

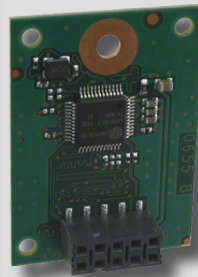
### Embedded SSDs



Unity's Embedded SSDs deliver all the advantages of Flash Disk technology with the SATA I/II interface, fully compliant with standard mSATA form factor. SATA Drives are replacing the older and slower (PATA) interface in embedded environments. They are based on the JEDEC form factors, designed to operate at a maximum operating frequency of 150MHz with 30MHz external crystal. Its capacity could provide a wide range from 4GB to 128GB.

SlimSATA (MO-297) and mSATA (MO-300)

### Embedded USB Flash Drives



Unity Digital eUSB (Embedded USB Flash Module) is based on USB 2.0 controller which supports USB 2.0 & 1.1 and interface to NAND Flash Memory.

This Flash USB Module is designed for motherboard and build-in to the PC / Notebook / IA system. The Unity Digital eUSB supports USB Mass Storage functions and supports USB boot functions from BIOS. This solution is not only easy to install, but also fast, easy to use and low cost.

### Special Services Available:

Custom Design, BOM Control, Conformal Coating, Tamper Proof Encapsulation, Potting, Extended Temperature Range, and more, just ask!