



## FLASHCORE III

The world's most trusted programming engine.  
Unprecedented performance & reliability keeps your  
production running at maximum velocity

### Maximize Performance

- Write speeds greater than 20 Mbytes/second
- Read speeds greater than 20 Mbytes/second
- Configurable FPGA for optimized algorithms
- Supports large image file sizes up to 4 Gbytes

### Proven Quality & Reliability

- Universal device support & the industry's most extensive library of bad block schemes
- \*Ensures low noise, high yield & data retention
- Global service & support available 24/7
- Supports all Data I/O manual & automated systems

#### DATA I/O CORPORATION

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\*A LEADING FLASH MEMORY SUPPLIER AND DATA I/O CONDUCTED EXPERIMENTS, DEVELOPED BEST PRACTICES AND DEMONSTRATED THE RELIABILITY OF PROGRAMMING 20NM DEVICES USING DATA I/O'S PROGRAMMING SOLUTIONS

## UNIVERSAL DEVICE SUPPORT

- Flash memory (NOR, NAND, MCP, MMC, eMMC, SD, MoviNAND, OneNAND, iNAND, Serial Flash, EEPROM, EPROM and more)
- Microcontrollers
- Logic devices (CPLDs, FPGAs, PLDs) and more

## NETWORK INTERFACE

- 100 Base-T Ethernet

## ADAPTER & SOCKETING TECHNOLOGY

- Standard burn-in sockets (5,000-10,000 insertions per socket)
- High Insertion Count (HIC) for BGA, TSOP, QFP (250,000 insertions per socket)

## FLASHCORE III DESKTOP

Create and run jobs for NPI production and seamlessly transfer programming jobs onto a PSV Automated Programming System.

The FlashCORE Desktop is designed for programming first article builds to confirm functionality prior to high-volume production runs



## ANNUAL PROGRAMMER SUPPORT (APS)

The first year of support for factory parts and labor warranty included in purchase price and can be extended via annual support agreement renewal. The APS support program enables access to new & optimized algorithms, system software and TaskLink software updates and hardware support

## PROGRAMMING SOLUTIONS SUPPORTED

- FlashPAK III
- FlashCORE Dekstop
- RoadRunner3
- PSV7000
- PSV5000
- PSV3000
- PSV2800

## OPTIONAL DATA I/O SOFTWARE

- NAND Bad Block Schemes
- Serial Number Server
- DataMapper
- Remote Monitor
- Automotive Performance PAK
- ConneX Software

## FLASHCORE III DESKTOP REQUIREMENTS

### COMPUTER REQUIREMENTS

- **Operating System:** Windows 10 (32 or 64 bit)
- **Hard Disk Space:** 90 MB min for algorithm files, two applications and additional jobs
- **CD Drive:**
- **Ethernet Ports:** Qty 2

### ELECTRICAL REQUIREMENTS

- **Operating Voltage:** 110-240 VAC
- **Power Consumption:** 100 watts max
- **Frequency Range:** 50 to 60 Hz

### ENVIRONMENT REQUIREMENTS

- **Operating Temperature** +10° to +30°C (50° to 86°F)
- **Humidity:** <90%