



FLASHCORE III-M4

Universal Manual Programmer

SUPPORTING DESIGN TO VOLUME PRODUCTION & BEYOND

Data I/O offers manual programming solutions enable our customers to seamlessly transition programming jobs throughout their preprogrammed parts supply chain on a single, reliable, and scalable platform.



Design, Engineering, NPI



- Control of Data Files
- First Article
- NPI
- Test Fully Programmed Parts



Low & Medium Volume Production



Medium-High Volume Production



- Media Input
- Inspection
- Erase
- Program
- Verify
- Mark
- Media Output



Post SMT Process, Test, QC, Rework



- Test
- Quality Checks
- Quality Assurance
- Rework
- Repair
- EOL Support



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FEATURES

- 4 programming sockets (1 programmer)
- Networked operation
- Ganged socket actuation
- Small, lightweight, portable design

- **System Software:** TaskLink for Windows
- **Networked Interface:** RJ45 connector
Requires IP address
- **Programmer:** FlashCORE III with SuperBoost Technology

Physical Specifications

- **Width:** 36.87 cm (14.5")
- **Depth:** 23.81 cm (9.37")
- **Height:** 8.25 cm (3.25")
- **Weight:** 4.29kg (9.45 lbs)

VALUE ADDED SOFTWARE

- NAND Bad Block Schemes
- Serial Number Server
- Data Mapper
- Version Control

SUPPORT CONTRACTS

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

ADAPTERS & DEVICE SUPPORT

- **Socketing Technology:** Standard burn-in sockets (up to 5,000-10,000 insertions per socket)
High Insertion Count (HIC) for BGA, TSOP, QFP (up to 250,000 insertions per socket) and other packages
- **Universal Device Support:** Flash Memory (NOR, NAND, MCP, MMC, e.MMC, SD, MoviNAND, OneNAND, iNAND, Serial Flash, EEPROM, EPROM and more), Microcontrollers and Logic devices (CPLD, FPGA's, PLD's) and more
- **Package Support:** TSOP, BGA, QFP, TSOP2, FBGA, TQFP, CSP, uBGA, PLCC, SOIC, EBGA, PoP, SSOP, TFBGA, and more
- **Device Programming & Testing:** Program, continuity, checksum, blank check, mis-insertion, test, verify, backwards device, two pass verify, ID check, Illegal bit-check

PC WORKSTATION FOR TASKLINK & REQUIREMENTS

- **Operating System:** Windows 10
- **Hard disk space:** 90 MB minimum plus space for device data for job cards
- **Network interface**
- **Serial or USB mouse**
- **Operating Voltage:** 110 to 240 VAC
- **Frequency Range:** 50-60 Hz
- **Power Consumption:** 100 watts
- **Operating Temperature:** +0°C to + 40°C
- **Transportation Temperature:** -4°C to +70°C
- **Storage Temperature:** 0°C to +70°C
- **Humidity:**
Operating Up to 70% Non-Condensing
Storage Up to 80% stored
- **Air Flow:** non-condensing