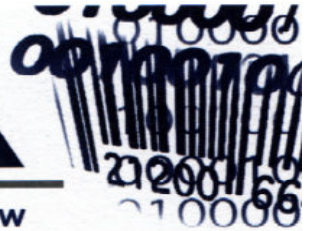


DATASYM

POS Solutions for Tomorrow



- PC-Like appearance and flexibility, ECR Durability
- Instant on – no waiting for operating systems to boot up!
- 12 external ports for incredible expandability
- **Lightweight** – only 8 lbs. for the main box
- Connect to industry standard Epson® printers such as the TM88-III
- Inter-Register Compatible with Datasym SC6000 series
- **Easy to learn** - if you are familiar with other Datasym product you will be up and running in minutes
- Supports external customer and operator displays
- Standard keyboard includes 128 keys, Track 2 Magnetic Card Reader, mode switch
- Completely modular. Place key components wherever you wish to fit your lane needs— saves valuable counter space!

MERLIN 6670™ TECHNICAL SPECIFICATIONS

- Motorola 68302 Based Architecture, fanless CPU operation
- 2.5MB System RAM (Static 512x8 SMT 70ns) (available to a maximum of 4MB at factory)
- 1MB EPROM for Base Boot Code
- Expansion BUS for future upgrades (all CPU lines)
- Flash memory ROM - Flash (1 x 8 MEG,120ns) for application, can be upgraded in the field
- Full solid state for reliability and performance
- Operator and customer displays can be powered by the unit to reduce external power requirements
- 4 Dedicated Ports for Keyboard (PS2), Printer (Serial), and two displays (Serial)
- 4 Available RS-232 Ports for peripherals such as scanner, scale, etc. Each port is programmable with hardware handshaking and other advanced options. They are jumpered to allow none, 5V or 12V.
- 8 internal ports powered by 2 x TL16C754BFN Quad UART Chips (64 byte FIFO and maximum 3MBs)
- 2 Dedicated Cash Drawer Ports (12V Powered RJ11)
- Philips Co-Processor - P89C668HBA (controls UARTS/peripherals)
- 1 Dedicated Hi-Speed Inter-Register Communications Port compatible with other Datasym products such as the SC6000 and 3000 (based on RS-485)
- Expansion serial port available for future communication modules such as USB and TCP/IP and Internal Modem
- Battery backed RAM means you will not lose a transaction – even if it's in progress when power is lost (Battery - 3.6V 160 mAh (NiMH))
- Computer communications with industry leading Comm2000™ software and Symfinite™ for virtually unlimited SKU, PBAL and MICR management
- Modular design allows for future peripheral support such as 6 or 8 line displays and other printer choices
- Standard keyboard includes 128 keys, Track 2 Magnetic Card Reader, 7 position mode switch
- Power switch has accidental on/off capability to prevent unwanted interruption
- 85W Power Supply with typical 25W Drain (with standard peripherals)

Merlin 6670