

8864 Data Controller

8864 Model Comparison Comparison Chart

8864 Data Controller vs. 8832



ESC MODEL 8864

General Features

- CPU — AMD Geode LX 800
- Data Bus — 64 bits
- Speed — 500 MHz
- Dimensions — 17"W x 5.25"H x 14"D
- Weight — 12 pounds

Memory

- 4096 MB Flash — firmware, configuration and data
- 256 MB DRAM — working memory
- 64K L1 cache and 128K L2 cache

Communications

- Dual 10/100Mbps Ethernet interfaces
- USB — Three USB 2.0 (two rear, one front)
- Serial Port 0 — optically isolated RS-232 or RS-485
- Serial Port 1 — RS-232 or RS-485 (optional)
- Serial Port 2 — RS-232 or RS-485 (optional)
- Serial Port 3 — RS-232 or RS-485 (optional)

Display

- TFT active matrix LCD
- 16 Million Color
- 800 x 480
- Capacitive touch-screen

I/O Cards

- Modular — 8 points per card
- Card configuration — automatically detected
- Wiring connectors (same as 8832)

Configuration

- Channels — 999
- Digital I/O points — 999 maximum
- Channel names — 20 characters

ESC MODEL 8832

General Features

- CPU — Motorola MPC860 Power QUICC
- Data Bus — 32 bits
- Speed — 50 MHz
- Dimensions — 17"W x 5.25"H x 14"D
- Weight — 15 pounds

Memory

- 6 MB total — firmware, configuration and data
- 32 MB DRAM — working memory

Communications

- Single 10Mbps Ethernet interface
- USB — (none)
- Serial Port 0 — optically isolated RS-232 or RS-485
- Serial Port 1 — optically isolated RS-232 or RS-485
- Serial Port 2 — RS-232 (optional)
- Serial Port 3 — RS-232 (optional)

Display

- LCD
- 16 Color
- 640 x 240

I/O Cards

- Modular — 8 points per card
- Card configuration — must be manually set

Configuration

- Channels — 99
- Digital I/O points — 88 maximum
- Channel names — limited to 8 characters

Questions about the 8864 Data Controller? Contact Sales at sales@envirosys.com or 512-250-7902

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ESC Spectrum