

Model 2750 Operator Interface & Machine Controller

* Intelligent Operator Interface Station

* Ideal for Networking and Communication to Multiple Devices

The Model 2750 is a complete platform for HMI, Logic & Motion Control, and Networking. This makes the 2750 a powerful and versatile tool for OEMs and System Integrators.

The Model 2750 is capable of total machine control using internal and/or external I/O & motion control. A single software environment provides HMI, Control, and Communication. Multiple I/O options provide maximum design flexibility while minimizing costs.

Configure the Model 2750 with WinBuild 2000 - Eason's easy-to-use configuration and control software tool. WinBuild 2000 allows a complete program to be generated graphically in a Windows point-and-click environment. The use of powerful pseudocodes (macros), and the ability to embed BASIC modules into the program give maximum flexibility.

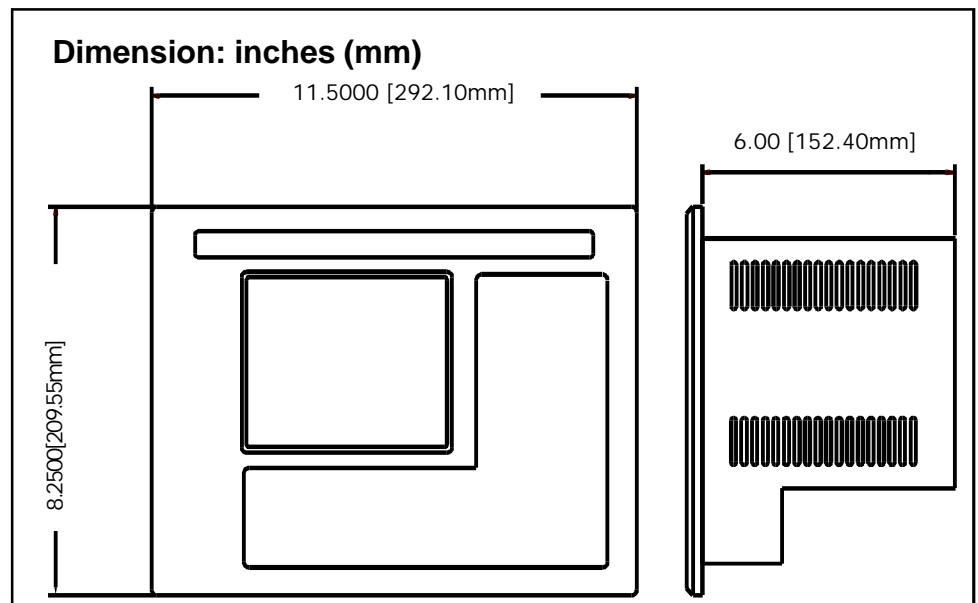
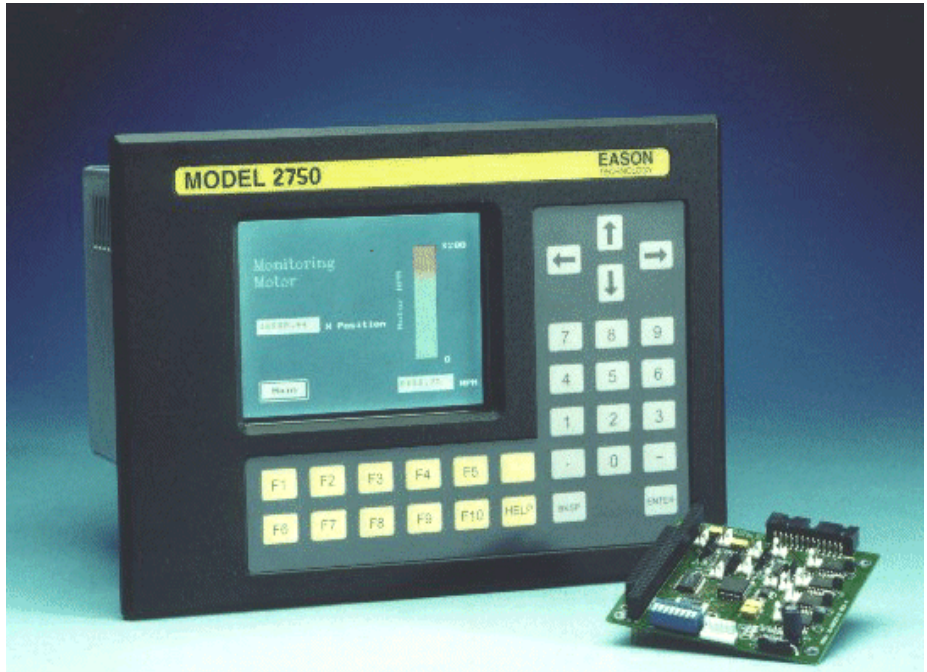
Add Control with WinBuild 2000 to create powerful programs to control the Model 2750's on-board I/O, expansion I/O, and optional embedded motion control.

In addition, WinBuild 2000 has powerful Networking features that support serial, LAN, and modem connections

Communicate with PLCs, motion controllers, or other serial devices using the drivers in WinBuild 2000. PLC drivers include A-B SLC500, GE9030, Modicon, Koyo (PLC Direct), and many others. Motion control drivers include Parker, Galil, and others.

Operator entry is performed via standard keypad, and/or optional touchscreen.

The standard display is a high contrast, monochrome 1/4 VGA backlit LCD. An LCD color display is also available.



The Model 2750 is NEMA 4 rated (NEMA 4X optional) when panel mounted and is designed to withstand tough factory environments.

24 I/O* points (PB24 compatible) are standard, as are 2 serial RS232/422 ports, 1 external keyboard port, 1 programming port, and 1 standard PC-AT bidirectional printer port. All I/O are magnetically isolated for superior noise immunity in harsh factory environments.

Capability expansion can be accomplished with up to four PC104 cards.

At 11.5"W x 8.25"H x 6.00"D, the Model 2750 takes up minimal panel and cabinet space. Max operating environment is 50C. Input power requirements: 95-265 VAC, 60/50 Hz, 40W.

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Specifications

CPU	Embedded x86 - standard	Serial Ports	COM1/COM2: RS232 , 9 pin D-connector RS422/RS485 , Screw terminal
RAM	2MB standard. Expandable to 4MB.	Parallel Port	PC compatible printer port - standard.
FLASH	2MB - standard Expandable to 4MB.	Keyboard Connector	PS-2 keyboard connector - standard.
BB RAM	128KB - Standard	Programming Port	RS232, 9 pin D-connector
Digital I/O*	24 I/O points standard. Each point configurable as either input or as an output. These points are PB24 compatible. [0-30V, 125 mA avg sink, 250 mA peak]	Watchdog Timer	Standard
PC104 Expansion	<ul style="list-style-type: none">- Memory- Ethernet- Digital I/O*- Analog In/Out- Temp & Voltage Measurement- Data Acquisition- Counter/Encoder Input- Serial Ports- DeviceNet- Motion Control<ul style="list-style-type: none">- Servo- Stepper- HDD/FDD	Housing	Cast aluminum front panel. Stainless steel available as an option. Rear housing is constructed of formed, plated steel.
PC 104 Expansion Slots: 4		Front Panel	Membrane keypad with embossed ridges around keys & internal stainless steel snap dome keys.
		Display	1/4 VGA (320 x 240) high contrast LCD with CCFT backlight. STN color display optional. Grid matrix touchscreen - optional.
		Power	120 or 240 VAC - standard. 40W
		Environment	Operating: 0 to 50 C Storage: -20 to 60 C 5% to 95% RH, non-condensing

* On-board and expansion digital I/O not warranted unless used with IO-8/24 modules. See IO-8/24 data sheet for details.

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