

Model 2800 Machine Control Workstation

- Programmable Workstation with Expansion I/O
- Drivers for PLCs and Motion Controllers
- Networks and Communicates to Multiple Devices

With a large 10.4" color display, expansion I/O, and multiple communication ports, the Model 2800 is a complete platform for HMI, Logic & Motion Control, as well as Networking.

Configure the Model 2800 with WinBuild 2000 – Eason's easy-to-use HMI and Control software tool. WinBuild 2000 enables a complete program to be generated in a Windows point-and-click environment. The use of powerful pseudocodes (macros), and the ability to embed multitasking BASIC modules into the program give provide maximum flexibility and performance.

Add **Control** using the optional expansion PC104 modules to achieve a customized solution using standard modules. I/O options include analog, digital, com ports, ethernet, and motion control modules.

In addition, WinBuild 2000 had powerful **Networking** features that support serial, LAN, and modem connections.



Communicate with PLCs, Motion Controllers, Bar Code Readers, Vision Systems, and other serial devices using the drivers and pseudocodes built into WinBuild 2000. PLC drivers include A-B SLC500 & MicroLogix, GE90, Modicon (Modbus), Koyo (PLC Direct), Mitsubishi FX, Omron (Hostlink), and others. Motion Control drivers include Parker Compumotor, Galil, Yaskawa, and many more.

Operator Entry is performed via standard resistive touchscreen. Pop-up dialog boxes are used for alpha and numeric data entry.

The standard **Display** is a high contrast, 10.4" diagonal color STN LCD. A color TFT display is also available.

The Model 2800 is NEMA 4/12 rated (4X optional) when panel mounted, and is designed to withstand tough factory environments.

Standard connections include 2 serial RS232/422/485 ports, 1 programming port, an, and a PS2 keyboard port.

I/O expansion can be accomplished with up to four PC104 modules.

At 12.75" W X 11.25"H X 7.00"D, the Model 2800 takes up minimal panel and cabinet space. Operating temperature range is 0-50C. Input power is 95-265 VAC, 50/60 Hz, 60W.



**INTELLIGENT
INTERFACES**

SPECIFICATIONS

CPU	Embedded X86	Serial Ports (COM1/2)	RS232, 9-Pin D RS422/485 Screw Terminal
DRAM	2MB - Standard 4MB - Optional	Prog. Port	RS232, 9-Pin D
FLASH	2MB - Standard 4MB - Optional	Optional Ethernet Port	RJ45, 10base-T
BB RAM	128KB - Standard	Keyboard Port	PS2
Watchdog Timer	Standard	Front Bezel	Powder-coated Aluminum Stainless Steel (opt.)
PC104 Expansion	- Memory - Digital I/O* - Analog I/O - Counter - Serial ports - DeviceNet - HDD/FDD - Motion Control - Servo - Stepper	Rear Housing	Plated steel
		Display	VGA STN LCD TFT (optional)
		Power	95-265 VAC, 50/60 HZ, 60W
		Environment	
		-Operating	0 to 50C
		-Storage	-10 to 60C, 5-95% RH (non-condensing)

*Expansion digital I/O not warranted unless used with IO-8/24 modules. See IO-8/24 data sheet.

