Nematron Delta iPCs

Rugged Touchscreen and Keypad iPCs

Delta is Nematron's family of rugged panel-mounted touchscreen and keypad-based industrial PCs (iPCs) designed for plant floor use. Available in high-resolution 10.4", 12.1" and 15" TFT display sizes, Delta iPCs support a wide range of processor, memory, storage and software configurations. Delta iPCs are available in 1-slot PC/104 or 3-slot PCI/ISA chassis configurations.

When bundled with Nematron OpenView, Delta iPCs are ideal for machine or process applications that need to monitor or display information graphically. Nematron OpenControl, our leading PC-based logic control software, can be used with Delta iPCs to build cost effective control solutions.

The 15" Delta can be configured with a fully programmable 27-function memorable keypad, without comprimising the unit's NEMA 4X rating

Nematron Delta industrial PCs are also available in screenless "node" configurations, for applications that require a detached monitor or nomonitor at all.

Nematron's powerful control and HMI software (see attached pages) can be preinstalled on any of our industrial PCs to deliver a complete, validated solution for discrete and process control, HMI and SCADA.

CHOOSE FROM THREE BASE MODELS:

Base Specifications

- On-board AGP Video Controller with 2 MB VRAM
- External "simulscan" VGA port
- Built-in I/O:
  - One 10/100 Base-T Ethernet with boot capability
  - One or two USB 1.1 ports
  - Two PS/2 ports (second port reserved for touchscreen
  - Two RS-232 serial ports
  - One parallel port (ECP/EPP)
- Heavy-duty steel construction
- 0° to 50° C operating temperature
- 85-264 VAC auto-ranging power supply
- CE Mark, UL, cUL and FCC Part 15 Class A
- Rated NEMA 4/4X/12 at front panel when properly mounted

Configurable Options

- Chassis options (expansion slots): 1-slot PC/104, 3-slot PCI or 2-slot PCI / 1-slot ISA
- Intel® Celeron® or Pentium® processor
- 64 MB RAM standard, expandable to 512 MB
- Hard drive up to 60 GB, or CompactFlash® up to 1 GB
- Floppy, CD-ROM or CD-RW/DVD combo
- 5-wire analog resistive touchscreen
- Programmable 27-key front panel (15" configuration only)
- MS-DOS, WinNT, Win2K, WinXP, Win eNT or Win eXP (Embedded NT and XP require CompactFlash® option)
- Optional stainless steel bezel and 24VDC supply

Model	Display	Resolution	Cutout W x H	Depth (1-slot)	Depth (3-slot)
DH/DP5000	10.4" color TFT	VGA (640x480)	12.44 in x 9.44 in (316 mm x 240 mm)	4.06 in (103 mm)	7.68 in (195 mm)
DH/DP6000	12.1" color TFT	SVGA (800x600)	13.24 in x 10.60 in (336 mm x 269 mm)	4.18 in (106 mm)	7.80 in (198 mm)
DH/DP8000	15.0" color TFT	XGA (1024x768)	15.64 in x 12.34 in (397 mm x 313 mm)	4.25 in (108 mm)	7.87 in (200 mm)