flex.NET

Windows CE.NET® Fixed Station Data Collection Computer

The Data Net Flex.NET terminal is a Windows CE.NET terminal featuring a rugged design and a cost-effective 2 x 40 LCD display. This NEMA 12 (IP54) terminal features built-in 10/100Base-T Ethernet and optional RF communication. Its Windows CE.NET 4.2 operating system and Intel XScale PXA255 ARM processor allow for easy application development using Co-Log®/Open, Visual Studio.NET, eMbedded Visual C++ or other development tools. This terminal's small form factor and low cost make it an ideal solution for any application where a fixed terminal is needed.

SPECIFICATIONS

DISPLAY/TONE

- 2 line, 40 character per line supertwist LCD with electroluminescent backlight
- Beeper with software adjustable tone and volume
- External speaker connector

KEYBOARD

- Dust & liquid spill resistant
- 5,000,000 actuation operating life Elastomer
- 51 key QWERTY style alphanumeric with 16 user definable function keys
- or 24 key numeric, 8 user definable function keys (with write-on labels), 0-9, -, ., SPACE, BACKSPACE, ESCAPE, ENTER
- or None, blank insert

PACKAGING

- Factory rugged polycarbonate
- 9" wide x 5" high x 1.5" deep
- 1.7 lbs., approximate weight
- Standard reversible wall/table mount included

ENVIRONMENT

- 0 to 50°C, operating
- 5 - 95% relative humidity, non-condensing

MICROPROCESSOR/MEMORY

- Intel XScale PXA255 ARM
- 32 MB SDRAM standard
- 32 MB Flash standard, expandable via Compact Flash/PCMCIA Option

COMMUNICATIONS

- Ethernet 10/100Base-T standard
- Radio Frequency optional
- Three powered RS-232 COM ports
- PCMCIA option

POWER

- 12 VDC input
- Backup battery

INPUT/OUTPUT

- RS-232 general-purpose powered COM ports
- Ethernet 10/100 Base-T Port
- PS/2 keyboard port
- 3.3, 5 and 12VDC accessory power output
- 8 optically isolated digital inputs
- 8 digital outputs
- Optional PCMCIA/Compact Flash slot

OPTIONS

- Laser and Imaging scanners
- Visible, 0.19mm sealed swipe reader
- Infra-red, 0.19mm sealed swipe reader
- Magnetic swipe reader, ABA track 2, F2F
- HID proximity reader
- Biometric fingerprint reader
- Forklift mount kit
- Table mount kit
- Recessed wall mount kit
- Quick-connect digital I/O board
- 110 VAC single terminal power transformer
- 220 VAC single terminal power transformer

For more information contact Data Net

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