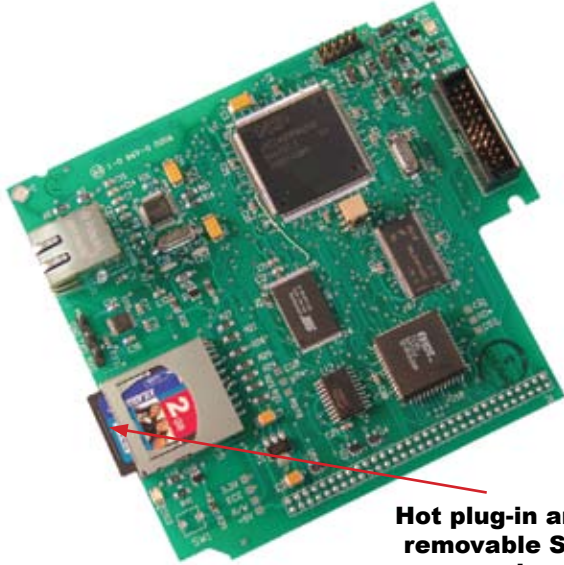


Uticor NetView Card has Additional Data Acquisition Feature at No Extra Cost!! Store up to 2GB of Data on NetView Card



Hot plug-in and removable SD card

Local data storage prevents any missed data due to communication loss between Toughpanel and a PC.



Local data acquisition and storage on SD card that plugs into the NVC card

Collect 20 variables every second to store data for one (1) year

NetView option card that plugs into any Uticor Toughpanel with Proprietary OS and having 512K or more memory allows you to store any number of variables in the Toughpanel in an on-board SD card. The data is stored in a “.csv” file which can be conveniently read by Microsoft Excel. This huge 2GB memory capability will give you the ability to store, for example, 20 two byte variables every second for 1 year. The local storage prevents any data loss due to communication loss between Toughpanel and a PC.

Any Toughpanel with dedicated processor and having 512K or more memory

Ethernet Connector for Remote Monitoring and Control



Plug-in NetView option card

Quick (hot) Insert and Removal of SD card

Remove SD Card from Panel, Plug into any SD USB reader and open into Excel file

SD cards have become a common medium of storage in the consumer market. Most digital cameras today have the capability to plug-in an SD card, store your pictures or video in the SD card and transfer to your PC. The Machine/Process data stored in the SD card can easily be read into your PC. The data is stored in “.csv” format which can be easily read into and graphed on an Excel sheet.



Tough Panel™

Communication Ports, Memory...

Toughpanel with Dedicated Processor

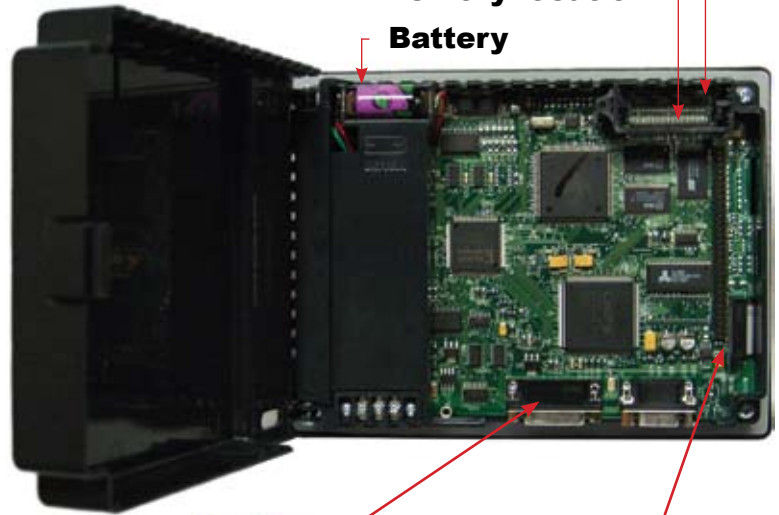
Flash Card & Flash

Firmware

Flash card module can be used to back up the user program and provide program portability. Flash firmware allows you to quickly upgrade the firmware in the field. 512K, 1M or 2M flash modules are available.



Flash memory location
RAM memory location
Battery



Connector for network interface or other option cards

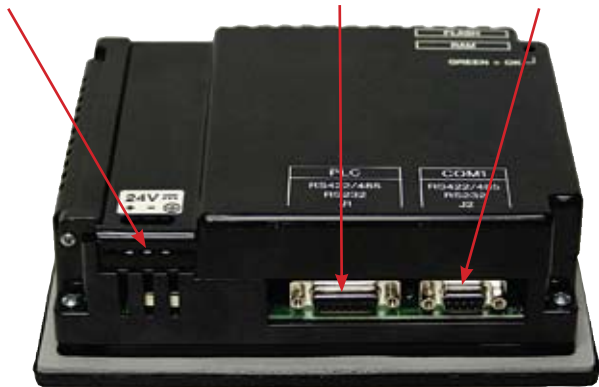


RJ45 Connector
in place of 15-pin D-Sub for Universal Ethernet models

Memory Types

Store user program in the battery backed RAM memory or a Flash memory card is required to maintain the program if battery power is lost.

Power Connector PLC Port COM1 Port



RAM memory card installed



RS232 and RS 422/485 Ports

Com1 is RS232 which can be used for both PLC communication or programming the panel from a PC. RS 422/485 is an auxiliary port that can be used for PLC communication or connection to another device like a barcode printer

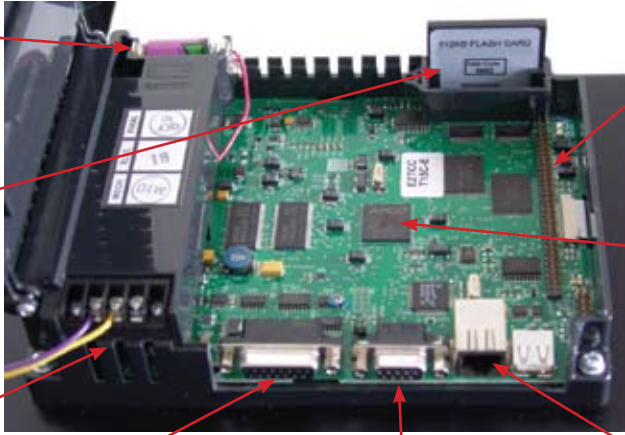
Additional RAM

512K or 1MB RAM modules are available for memory expansion sometimes recommended for bitmap extensive larger screens.

Smart
"Built like a Tank"



...Modules, Network Interface and Option Modules Toughpanel with Windows CE Processor



Battery
for RAM and Real-Time clock backup

Compact Flash
Standard compact flash used in PCs can be used for larger memory needs such as videos or data storage.

Extension Connector
for network interface or other option cards

CE Processor
High Density BGA Package

Power Connector

PLC Port

COM1 Port

RJ45 Ethernet Connector

RS232 and RS 422/485 Ports
Com1 is RS232 which can be used for both PLC communication or programming the panel from a PC. Com 2 is RS422/485 is an auxiliary port that can be used for PLC communication or connection to another device like a barcode printer

Ethernet Port
Ethernet port can be used simultaneously for communicating to PLC, programming the panel, UTDAQ and for NetView and Control.

All Toughpanels have Conformal Coating as a Standard

AVG, Uticor and Autotech, produce a number of products such as Autotech's legendary Digisolver which has Epoxy potting. All Toughpanels have a conformal coat on its Printed Circuit Boards which increases the life of the product by protecting inner circuits and components from moisture, salt spray, aggressive chemicals and vapors. Conformal coating also protects the Toughpanel from airborne particles and dust which make Toughpanels ideal for rough environments such as found in the tire, mining and metal industries.

NetView and Control (NVC) option Card for Toughpanels with Dedicated Processor

Available on any Toughpanel with dedicated processor and having 512K or more RAM and Flash memory



Ethernet Connector for Remote Monitoring and Control

Plug-in NVC option card

Quick Insert and Remove SD card