

## » TD640 Panel PC 10,4"

### » Ordering code

Supervisory systems  
 Domotics  
 Video surveillance systems  
 Process control by remote I/O or machine-integrated



### » Description

TD640 is a panel PC with touch screen monitor 10,4". This control and HMI device is suitable for toughest applications in industrial environments. PC is assembled in an aluminium frame structure and protective membrane according to IP65. Logo and colours of panel can be customized.

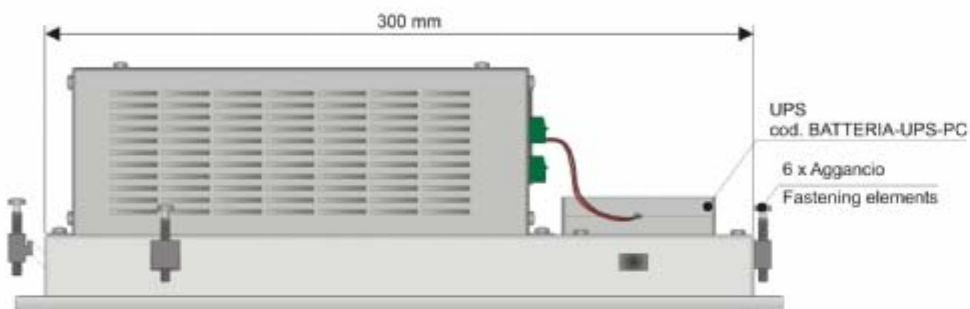
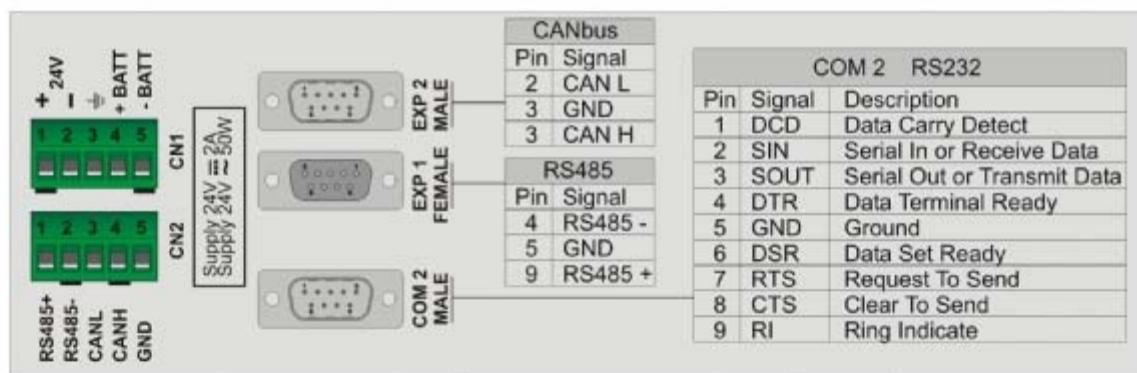
Supply options include 24Vac/dc and Integrated UPS function to protect data and assure operation during short power failure or even to provide orderly shut-down of the system in case of longer power failure. UPS lithium battery is assembled on the rear of the device for easy replacement. Data can be stored on non-volatile RAM memory, on 40GByte Hard Disk for XP Professional or Home version or on 256/1024MByte flash memory (DOM) for Embedded version. USB port on frontal panel is ideal for USB keys, keyboards and mouse. The unit features also 2 USB ports on motherboard, 1 RS232 serial, 1 optoisolated RS485 port, 1 CAN port (optional), 1 ISA/PCI expansion slot (optional), CD/DVD ROM (optional), connectors for speaker, monitor and external keyboards.

### » Technical data

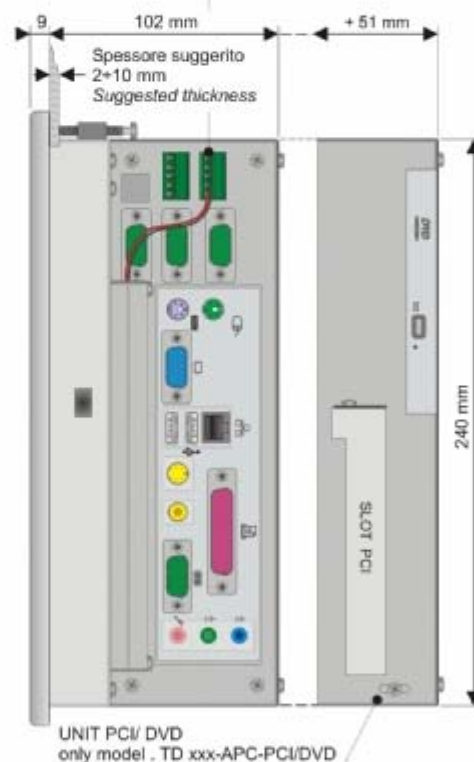
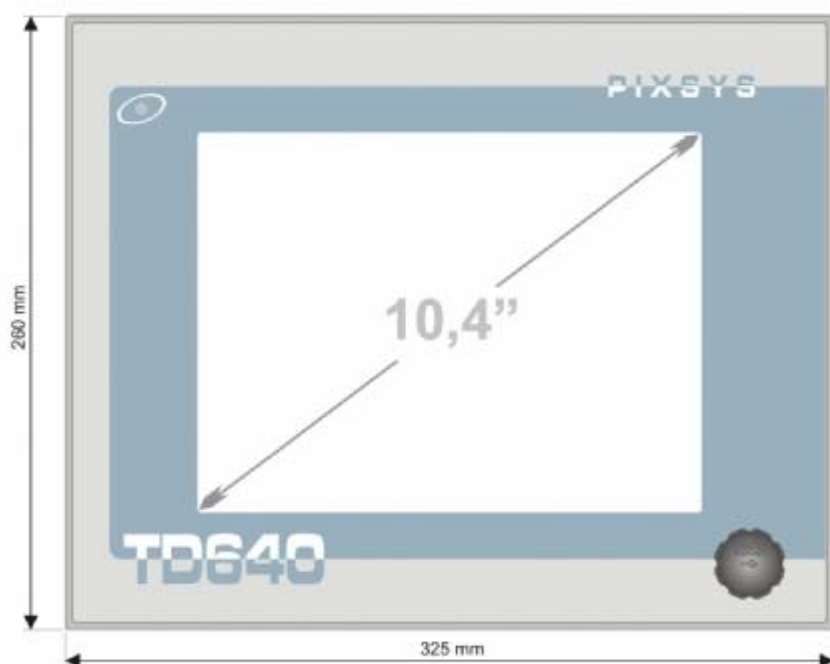
SUPPLY: 24Vac/dc +/-10% 50/60Hz  
 PROCESSOR: VIA EDEN C3 600MHz  
 MONITOR: Display LCD touch screen 10.4" TFT, resolution 800x600, visual area 211.2(H)mm x 158.4(V)mm, pixel pitch 0.264(H)mm x 0.264(V)mm, displayable colours: 262144, horizontal and vertical viewing angles: y axis, down ( $\Phi=270^\circ$ ) 55°, y axis, up ( $\Phi=90^\circ$ ) 45°, x axis, left ( $\Phi=180^\circ$ ) 65°, x axis, right( $\Phi=0^\circ$ ) 65°, brightness 250cd/m<sup>2</sup>, contrast 400:1, response time <20msec  
 MOTHERBOARD: Onboard CPU VIA EDEN C3 600MHz, Motherboard chipset VIA VT8606-Twister + VT82C686B, DIMM socket up to 1024MByte SDRAM, Realtek 10/100 LAN, Compact flash, serial port RS232, 2 USB ports 2.0, parallel port LPT  
 HARD DISK (TD640-A-PC): IDE 2.5" 40GByte  
 DOM (TD640-A-EB): Memory flash from 256MByte up to 8GByte  
 RAM: From 256 up to 1024MByte DRR 266MHz  
 USB PORTS: 2 ports 2.0 on rear + 1 port 2.0 on front panel  
 SERIAL PORTS: 1 RS232 + 1 RS485 + 1 CAN (optional)  
 LAN: 1 Realtek 10/100 on motherboard  
 BACK-UP: Integrated UPS with lithium battery, autonomy 5 minutes  
 EXPANSION SLOT: 1 PCI/ISA optional  
 CD/DVD ROM: optional  
 COOLING: 2 fans on CPU + 1 on power supply  
 SOFTWARE: Windows XP Professional, Windows XP Home (TD640-A-PC), Windows XP Embedded, Windows CE (TD640-A-EB)  
 OPTIONS: Versions with motherboard Unicorn and Epia with processor up to 1.2GHz are available

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### » Installation



Dima di foratura  
302 x 242 mm  
-0/+1 mm  
Frontal panel cut-out



MODEL	DESCRIPTION	POWER SUPPLY
TD640-APC	PC Panel Touch 10.4" 800x600 - UPS	24 Vac/dc +/-10% 50/60 Hz
TD640-APC-PCI / DVD	PC Panel Touch 10.4" 800x600 - UPS with slot PCI and DVD	
TD640-AEB	PC Panel Touch 10.4" 800x600 Embedded	
BATTERIA-UPS-PC	UPS ( ricambio / Spare Part )	