

Rugged 10.4" TFT panel computer 677MHz CPU

- Impervious to dust, water, chemicals, shock and vibration
- Rugged heavy duty aluminium/stainless steel construction
- IP65 front protection ventilation in the rear
- Long-Life, Low-Power CPU
- 10" TFT LCD display with 640 x 480 Pixel resolution
- High Quality antiglare image - front glass has optical surface treatment
- Sunlight viewable TFT with advanced transfective technology optional
- Touch Screen optional
- VGA connector for external additional monitor
- All standard interfaces included
 - RS-232/422/485 printer port
 - 2 x USB
 - ethernet 10/100-RJ45
 - audio
 - keyboard and mouse
- 24 V DC isolated supply ranging from 16 -32 VDC
- Watchdog Timer

Application:

- In unpredictable environment as encountered in all kind of production areas, mills, plants, warehouses, mines....
- mobile application in civilian and military vehicles and aircrafts



Description:

The rugged PCQT CP10 long-life panel computer is made for application demanding mechanical stability, protection from contaminated environment and long life time.

The heavy duty aluminium/stainless steel construction protects from corrosion, dust, water and guarantees a

long service life even in harsh environment.

The display is protected by a antiglare glass with optical surface treatment. This results in a very sharp image. The heart of the system is a 667MHz low-power CPU. The complete power consumption of the system is around 1A@24VDC.

An external monitor can operate simultaneous.

The standard unit is equipped with all standard interfaces such as RS-232, Printerport, USB, LAN, PS2 keyboard and mouse.

The computer is powered by an 24V Battery in a typical range from 12-32VDC

Specification:

CPU: Embedded VIA C3 CPU 667 MHz

BIOS: AMI PnP BIOS

System Chipset: VIA VT8606 + VT8231

System Memory: 1x 144-Pin SO-DIMM for up to 512 MB SDRAM

Display chipset:

128-Bit 2D/3D Graphic (VT8606) AGP 4X Bus, bandwidth 1066MB/sek

TFT display :

10.4" advanced TFT LCD protected by glass with optical treatment
Resolution 640 x 480 Pixel

Touch-Screen optional

Harddisk: 2,5" >10 GB

LAN: 1 x 10/100 Mbps Fast Ethernet (VIA 8231 Chipset+VT6103 PHY)

Interfaces:

1 x RS-232/422/485
automatic direction control for RS-485

1 x LPT (supports SPP/ EPP/ ECP)

2 x USB Port (USB 1.1)

2 x IDE ATA/100 channels

Audio: AC97 compatible audio CODEC

PCMCIA Type II

Power supply:

24 V DC (16 - 32 V DC guaranteed, 12-32V typical)

Consumption:

1,1A max@24VDC in full operation display on and touch installed

Dimension: (B x H x T)

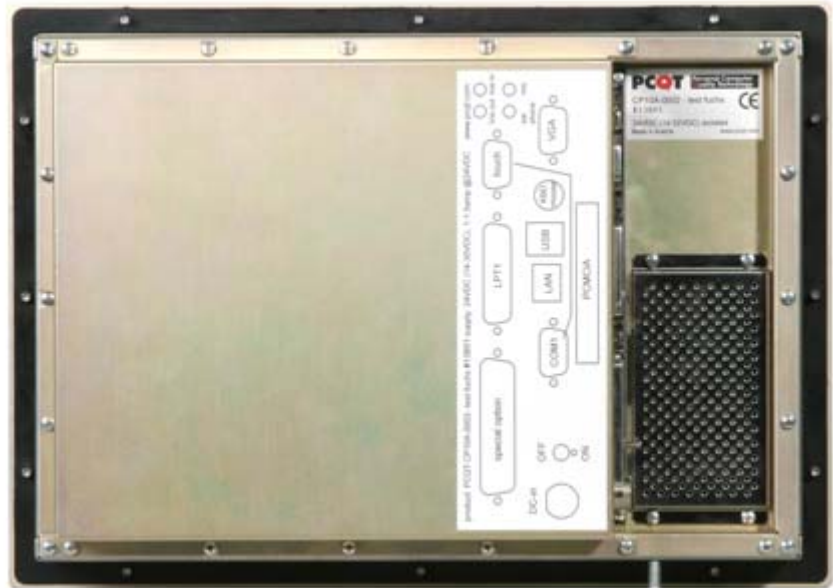
350 x 250 x 120 mm

Temperaturrange:

operating: 0°C - 40°C

optional 0°C - 45°C

non operating: -25°C - + 70°C



Order Information:

PCQT-CP10-V2/ 677

10.4" TFT panel computer
640 x 480 Pixel resolution
with optical antiglare protection glass
IP-65/IP-52 protected
Low Power 667 MHz CPU
128 - 512 MB SDRAM
>10 GB 2,5" HDD
VGA output
1 x RS-232, 1x parallel port
2 x USB
Ethernet 10/100 RJ45
isolated 24VDC input

PCQT-CP10-V1/300

300 MHz fanless version
with 850mA@24VDC total consumption

Erweiterungen, Optionen:

- Touch Screen
resistive RS-232 Touch
- DC cable
- nonmagnetic design
- operating temp range
0-45°C
- Sunlight viewable
with advanced TFT Technologie - no higher power consumption