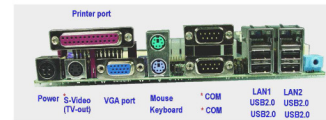# VTC2016457

General specifications

Industrial Grade :
VTC2016457 is a high-end industrial grade Panel PC used for home, industrial, medical, military applications

LCD : 8 inch TFT LCD
8-inch TFT LCD, 640 x 480 resolution, 350 cd/m2 high brightness. 262,144 high colors.

Whole Housing
Rugged 1 mm thick steel housing

Wall-mounting :
Meets VESA-75 wall mount standard
Wall-mount kit is available for extra cost.

Touch Screen :
4-Wire analog resistive touch screen

CPU : low power 1Ghz
Low power 1Ghz CPU

DDR RAM : 1GB DDR RAM
Support up to 1GB high speed DDR RAM.

Serial port : 4 x COM ports
3 x RS232 and 1 x RS232/422/485
COM1, 2 are exposed. COM3, 4 on board

USB 2.0 : 4 x USB 2.0
4 high speed USB 2.0.
Speed of USB 2.0 : 480 Mb per second

System Chipset
The high level VIA CLE 266 chipset
VT8623 and VT 8235 chipsets

AGP 8 X speed :
Support AGP 8 X , it is 64 times faster than PCI bus speed.

Video Memory : 64MB share memory
Support 64MB video memory for high speed graphics, 2D, 3D acceleration. User can enter into BIOS to select 64 / 32 / 16MB.

Hardware MPEG-II engine :
Built in a Hardware high speed MPEG-II engine in order to support high speed real time life video movies and DVD / VCD playback.

Speakers :
Built in 2 stereo speakers. External audio jack at the I/O panel.

Dual Ethernet : 2 x LAN
Dual fast 100/10 Mbps Ethernet to speed up the networking ability and firewall purpose.

HDD : 10 / 20 / 30 /40 GB
Slim size 2.5" HDD from 10 / 20 / 30 / 40GB HDD for customer's selection.

GPS Engine Board and GPS Antenna
Optional high precision GPS engine board and Active GPS antenna for moving vehicles applications serving as a mobile office. This is the highest-end CAR PC in the world.

Parallel Port :
LPT port for Printer co nnection .

Keyboard and Mouse :
One PS/2 Mouse port and one PS/2 Keyboard port

Vibration Resistance
Meet IEC-60068 life random vibration test from 5 ?500 Hz at 2G RMS under Windows XP Pro.

VTC2016457

Shock Resistance
Meet IEC-60068 life Shock Test at 15G for 11ms duration under Windows XP Pro.

Power Supply
Standard AC 100/240V power supply.
Optional : DC12V, DC24V.

Dimension (WxHxD)
2 5 0 x 200 x 77 mm

Operating Temperature :
0 to 5 0 ℃

Ordering information :
PPC-812T : without GPS
PPC-812T-GPS with GPS Engine board and GPS Active Antenna

Dimensions:

VTC2016457