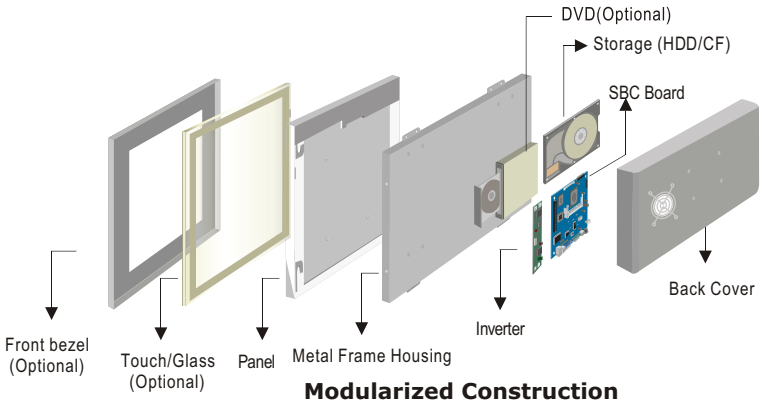
T5-Series 17" Panel PC (Intel®Core Duo/Core 2 Duo/Core Solo/Celeron M ULV Platform)

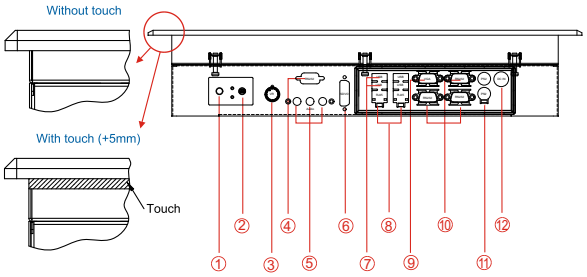
MODEL:PPC17I37T-PMM1

Mechanical Design

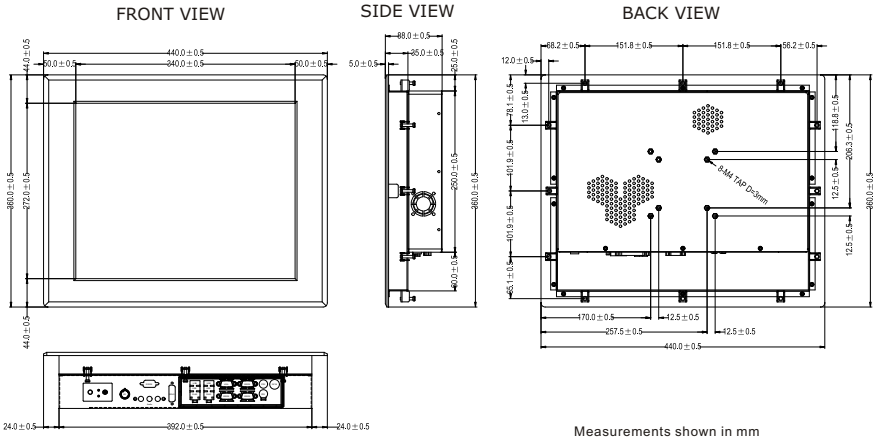
Panel Mount (5mm front bezel)



Modularized Construction



1. Power On Button
2. Power Reset Button
3. Brightness Adjustment Knob
4. RS-232 Conn.(Optional)
5. Audio Jack
6. DVI
7. USB
8. RJ-45
9. VGA Out
10. RS-232 Conn.
11. PS/2
12. DC-IN Power Jack



Measurements shown in mm
All Dimensions are ± 0.5 mm

System Specifications

TFT Characteristics :

• Resolutions	:	1280 x 1024
• Brightness	:	300 cd/m^2 (typ.)
• Contrast Ratio	:	800 : 1(typ.)
• Viewing Angles	:	-80~80(H);-80~80(V)
• Max Colors	:	16.7M(bits+FRC)

SBC Specifications :

• Processor	:	Socket M for Intel®Core Duo/Core 2 Duo/Core Solo/Celeron M ULV Processors, up to 2.16GHz
• BIOS	:	Award 4Mbit Flash
• System Chipset	:	Intel 945GME / ICH7M Chipset
• Memory Slot	:	2 x DDR2 DIMM, up to 4GB DDR2 533/667
• Graphic Chipset	:	Intel 945GME Integrated (224MB shared)
• IDE	:	1 x 44pin IDE (UDMA 33/66/100)
• KB/Mouse	:	2 x PS/2
• Ethernet	:	2 x RJ-45 (Gigabit LAN)
• Audio	:	ICH7M Built-in, AC97 w / 5.1 Channels
• USB	:	8 x USB2.0
• Serial	:	3 x RS232, 1 x RS232/422/485
• SATA	:	2 x SATA I/II
• Expansion Slot	:	1 x Mini PCI, 1 x PCI-E (x16)
• SDD Interface	:	1 x Type I/II CF socket(Optional)

Power Specifications :

• Power Input	:	12V DC IN (Lockable Power Jack)
• Power Consumption	:	138W (typ.)(Max.backlight & high CPU load)

Environment Considerations :

• Operating Temperature	:	0 deg.C to 50deg.C
• Operating Humidity	:	30% to 90% (non condensing)

Input/ Output Connectors :

Ethernet LAN	:	2 x RJ 45-10/100/1000 Mbps
Keyboard / Mouse	:	2 x PS/2
COM	:	2 x RS232, 1 x RS232/422/485 9P DSUB (male)
Audio	:	1 x Audio Jack(Line-Out, Line-In, Mic in)
USB	:	4 x USB Type-A Receptacle
VGA Out	:	1 x VGA (female)

Order Options :

SBC		PANEL PC	
CPU	: **Intel®Core™Duo T2400 1.83 GHz***	Mechanical	: Open Frame
	Intel®Core™2 Duo T7400 2.16GHz(Optional)		Panel Mount (5mm bezel)
RAM	: **1 GB DDR2 ***		IP65 (10mm bezel)
	2 GB DDR2 (Optional)		Chassis
	4 GB DDR2 (Optional)	Touch	: 5 Wires Resistive(Optional)
Storage	: **3.5"80 GB HDD***	OS	: Windows XPE(Optional)
	1 GB Compact Flash(Optional)		Windows XP (Optional)

* **Default**

Accessories :

- Mounting Kit (for Panel Mount 5mm)
- External Power Supply 150W w/power cord

FC CE RoHS COMPLIANT 2002/95/EC

Note: All Specifications are subject to change without prior notice!

Revised Date:4/17/2008