



## Technical Specifications

### LCD Display Grade

LCD Size	12" Active Matrix TFT LCD
Resolution	800 x 600 SVGA resolution
Aspect Ratio	4 : 3 standard ratio
Luminance	350 cd/m <sup>2</sup>
Color Depth	16.7 Million colors
View Angle	70(L) / 70(R) / 65(U) / 65(D) degree
Contrast Ratio	500 : 1 (typical)
Backlight life	50,000 Hours at 25°C ambient temperature

### Touch Screen

Touch Screen	12" long life 5-Wire Resistive Touch
Resolution	4096 x 4096 ultra high resolution

### Mainboard

CPU	Intel Ultra Low Voltage fanless Atom 1.6GHz CPU
System Memory	512KB, (Option : 1G, 2GB) DDR2 SO-DIMM
Storage Device	80GB (option : 160G, 320G, 500G anti-shock HD)

### Chipset

System Chipset	Intel GSE945 and ICH7M
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### I/O Interface

VGA	15-Pin female D-Sub VGA port
Graphics Chip	Intel GMA 950
Video RAM	224MB Video share RAM
COM (Serial)	4 COM Ports (3 RS232 + 1 RS232 / 422 / 485)
USB Port	6 USB2.0 exposed at I/O area (2 USB inside)
PS2 Keyboard	1 PS2 Port for Keyboard interface
PS2 Mouse	1 PS2 Port for Mouse interface
Audio In-Out Port	Audio-in and Audio-out Ports

### Expansion Slot

PCI Slot	Optional : 1 x PCI slot
Mini PCI-e slot	1 Mini PCI-e slot
CF Slot	1 Compact Flash slot
SATA Slot	2 x SATA slot for second storage device

### Mechanical

Front Bezel	10mm thick solid aluminum bezel
Construction	Heavy-duty rugged steel construction
Standard Color	Black color

### Mounting Method

Wall-Mount	Support VESA-75 wall mount standard
Wall Mount Kit	VESA wall mount Kit is available at extra cost

### IP-65 Rating

Front Side	IP-65 Water-proof at the front side
Back / Bottom	IP-54
6-Side Water-Proof	Yes, it is available at your option for extra cost

### Environmental

Operat Temperature	Meet MIL-STD-810F, 0°C to +60°C
Storage Temperature	Meet MIL-STD-810F, -20°C ~ +80°C
Shock	Meet MIL-STD-810F standard
Vibration	Meet MIL-STD-810F standard
CE	Meet CE standard
FCC	Meet FCC standard
RoHS	Meet RoHS standard

### Power Adapter

AC Power Source	External AC-DC adapter from 90 up to 264V
DC Power Source	Support DC 12V Power source
Option : DC24~28V	Optional DC18~32V is available at extra cost
Safety Approval	Power adapter is UL, cUL, TUV Approval

### Ordering Information

PPC-8498T-AL	8.4" Industrial Panel PC with Touch
PPC-1098T-AL	10" Industrial Panel PC with Touch
PPC-1298T-AL	12" Industrial Panel PC with Touch
PPC-1598T-AL	15" Industrial Panel PC with Touch
PPC-1798T-AL	17" Industrial Panel PC with Touch
PPC-1998T-AL	19" Industrial Panel PC with Touch
PPC-2098T-AL	20" Industrial Panel PC with Touch
PPC-2298T-AL	22" Industrial Panel PC with Touch