

# PPC-1208F



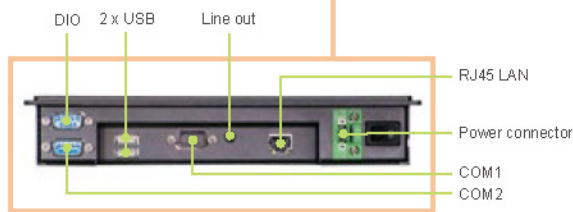
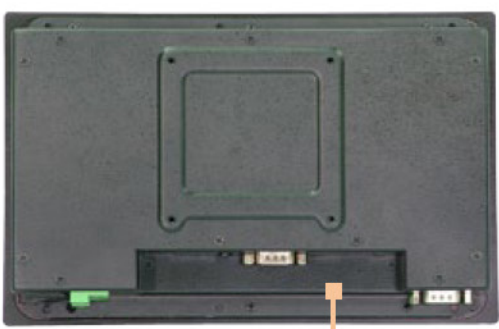
Industrial 7" Widescreen ARM-Based Panel PC with Freescale™ i.MX515 800MHz Processor



- ### Features
- Low power ARM based HMI
  - Fanless design for rugged environment and quiet application
  - Greater viewing 16:9 screen ratio
  - Supports Micro-SD slot for extra storage
  - Front panel IP65 certificate
  - OS supports for Microsoft Windows CE 6.0
  - WDT watchdog function for the system status monitor



### I/O Panel View



### Specifications

System	
CPU Type	Freescale™ ARM Cortex A8™ i.MX515 800MHz
PMIC	Freescale™ MC13892JVK
Memory	Up to 512MB DDRII SDRAM on board
Front Panel Protection	IP65 compliant
Power Requirement	DC in 12V only
Construction	Aluminum front bezel/ Rugged metal housing
Mounting	Wall, and ARM (VESA 75 x 75)
O.S. Support	Windows CE 6.0
Dimension	235 x 150 x 41.5 mm (9.25" x 5.9" x 1.6")
System Weight	2.0kg (4.54lb)
Certificate	FCC / CE
WDT	Built-in Freescale i.MX515 MPU

### I/O Ports

LAN	1 x 10/100Mbps LAN
USB	2 x USB 2.0
Serial Port	2 x COM ports (COM 1 for RS232, COM 2 for RS485)
Audio	1 x Line out / 1 Internal Speaker (optional)
Speaker	1 x 1.5W internal speakers (optional)
Digital I/O	3 in/ 3 out
Expansion Slots	1 x Micro-SD slot

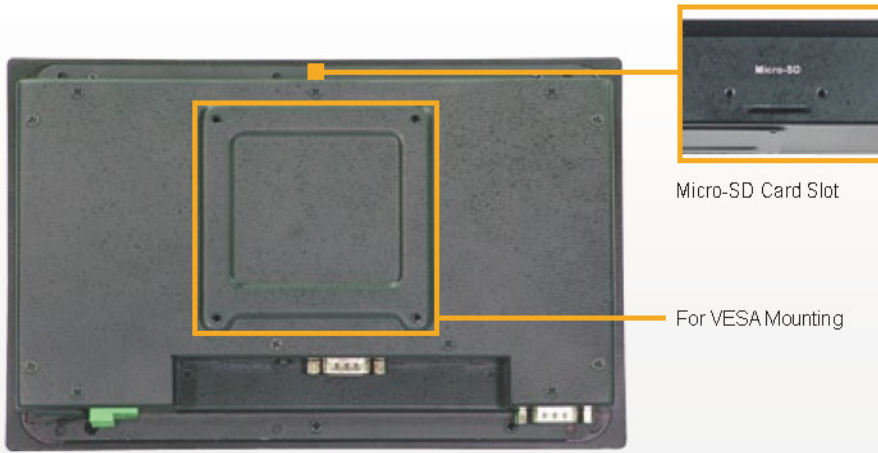
### Display

LCD Size	7"
Brightness (cd/m <sup>2</sup> )	300 cd/m <sup>2</sup>
Backlight MTBF	50,000 hrs
Touchscreen	Resistive Type 4-wire
Backlight	LED

### Environment

Operation Temp.	0° ~ 55° C ( 32° ~ 140° F )
Storage Temp.	-20° ~ 80° C ( -4°~176° F )
Humidity	20% ~ 90%

\*All information contained in this document is subject to change without prior notice. Please log on [www.protech.com.tw](http://www.protech.com.tw) to acquire latest information.



Micro-SD Card Slot

For VESA Mounting



Open Frame Design

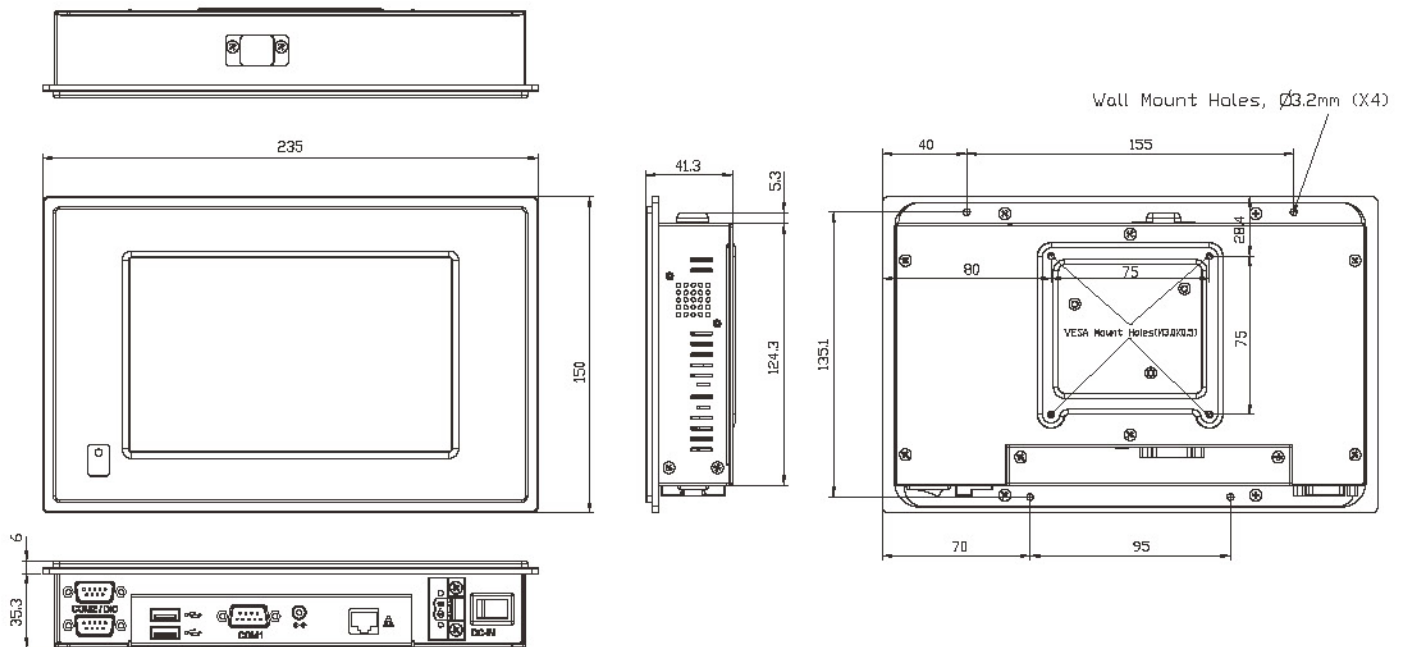
### Ordering Information

Order No	Description
PPC1208F-AB01A	HSF, ARM Freescale Cortex A8 + 7" fanless PPC

### Applications

- Factory/HMI
- Home Automation
- Transportation
- Entertainment

### Dimensions



Unit: mm