

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

Specifications

System

CPU Type	Freescale™ ARM Cortex A8™ i.MX515 800MHz
PMIC	Freescale™ MC13892JVK
Memory	512MB DDRII on board
Front Panel Protection	IP65 compliant
Power Requirement	DC in 12V only
Construction	Aluminum front bezel/ Rugged metal housing
Mounting	Wall, Stand, Vstand, and ARM (VESA 75 x 75)
O.S. Support	Windows CE 6.0 / Linux 2.6.35 / Android 2.3 / Ubuntu 10.04
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
Watch Dog Timer	Reset: 1sec. ~ 255 min. and 1 sec. or 1 min./step

I/O Ports

LAN	1 x 10/100Mbps LAN
USB	2 x USB 2.0
Serial Port	2 x COM ports, (COM 1 for RS-232, COM 2 for RS485)
Audio	1 x Line out / 1 Internal Speaker (optional)
Speaker	1 x 1.5W internal speakers (optional)
Digital I/O	4 in/ 4 out (reserved on board)
Expansion Slots	1 x Micro-SD slot

Display

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

Environment

Operation Temp.	0° ~ 60° 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 to acquire latest information.

Ordering Information

Order No	Description
PPC1208F-AB01A	HSF, ARM Freescale Cortex A8 + 7" fanless PPC
52-002-10006001	60W AC to DC 12V/5A power adapter (FSP FSP060-DBAB1(Q04001))

Applications

- Factory/HMI
- Home Automation
- Transportation
- Entertainment

PROTECH SYSTEMS

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