

# FPC-08W Series

Fanless 8.9" WSVGA TFT  
Multifunctional Touch Panel PC



## Features

- 8.9" WSVGA TFT Touch Panel PC
- 5-wire Resistive Touch Screen
- FPC-08WA1: AMD Geode LX800 @ 0.9W 500MHz  
FPC-08W04: Intel® Atom™ N270 1.6GHz CPU
- VGA, Audio
- Dual Ethernet/ Gigabit Ethernet, Optional WiFi Module
- 1 CF, 2 COM, 2 USB
- Fanless & +12V Single Power Input  
Wide Range Voltage Input +10V~28V (FPC-08WA1)
- VESA Compliance
- IP-65 Compliant Front Panel



## Specifications

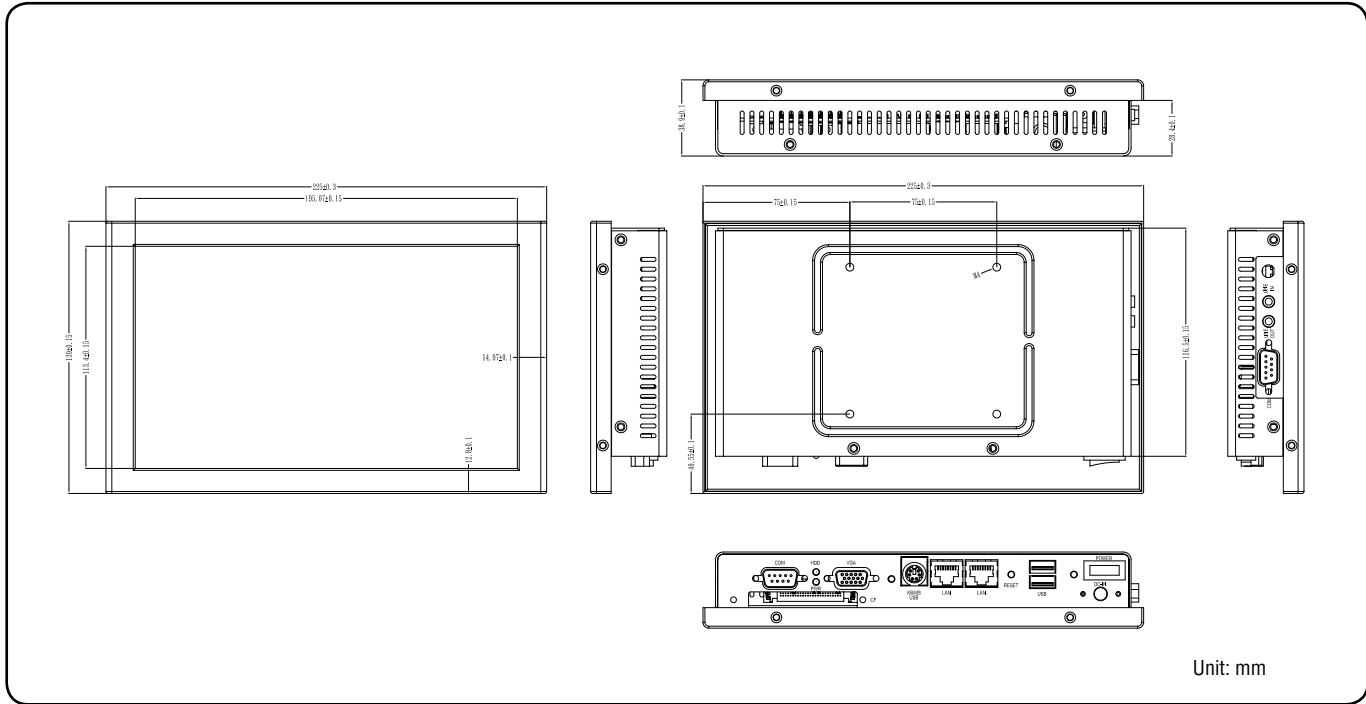
Model Name	FPC-08WA1	FPC-08W04
• LCD Size	8.9"	8.9"
• Display Type	WSVGA TFT	WSVGA TFT
• Resolution, Color	1024 x 600, 256K	1024 x 600, 256K
• Pixel Pitch	0.1905mm (H) x 0.189mm (V)	0.1905mm (H) x 0.189mm (V)
• Luminance	220cd/m <sup>2</sup>	220cd/m <sup>2</sup>
• Contrast Ratio	500	500
• Viewing Angle	50 (U), 60 (D), 70 (L), 70 (R)	50 (U), 60 (D), 70 (L), 70 (R)
• Response Time	30ms	30ms
• Backlight	LED	LED
• Touch Screen	5-wire Resistive	5-wire Resistive
• Light Transmission	80%	80%
• Touch Interface	USB Onboard Touch Interface	USB
<b>System</b>		
• CPU	Onboard AMD Geode LX800 @ 0.9W 500MHz with 128K L2 Cache CPU	Intel® Atom™ N270 1.6GHz CPU
• Cooling Method	Passive CPU Heatsink	Passive CPU Heatsink
• System Chipset	AMD Geode LX800/ CS5536	Intel® 945GSE/ ICH7-M
• I/O Chip	Winbond W83627HG-AW	ITE IT8712F
• System Memory	Onboard 512MB DDR Memory	One 200-pin SODIMM Socket Supports Up to 2GB DDR2 400/ 533 SDRAM
• SSD	One CF Socket by IDE Secondary Slave Channel Supports Type I/II Compact Flash Card	One CF Socket by IDE Secondary Slave Channel Supports Type I/II Compact Flash Card
<b>Rear Panel I/O</b>		
• Serial Port	1 x RS-232, 1 x RS-232 or Optional RS-422/ 485	1 x RS-232, 1 x RS-232 or Optional RS-422/ 485
• Ethernet	2 x RJ-45 ( Realtek RTL8101L LAN )	2 x RJ-45 ( Marvell 88E8053 Gigabit Ethernet )
• WIFI	Optional USB WiFi 802.11 b/g (Occupies One USB Port)	Optional USB WiFi 802.11 b/g
• VGA	1 x DB-15	1 x DB-15
• Audio	Line-out, Mic-in	Line-out, Mic-in
• USB	2 x USB 2.0	4 x USB 2.0
• Mouse & K/B	1 x PS/2 Keyboard Connector	n/a



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## Diagram



### Environment & Mechanical

• <b>Color</b>	Front Panel Black; Rear Panel Black
• <b>Mounting</b>	Wall/ Stand/ VESA 75mm x 75mm
• <b>Power Input</b>	100 ~ 250Vdc/ 47 ~ 63Hz
• <b>Power Output</b>	+12Vdc/ 5A (60W)
• <b>Operating Temperature</b>	-10°C ~ 60°C/ 0°C ~ 40°C (FPC-08W04)
• <b>Storage Temperature</b>	-20°C ~ 70°C/ -10°C ~ 50°C (FPC-08W04)
• <b>Relative Humidity</b>	10% to 95% @ 40°C, Non-condensing
• <b>Dimension (W x D x H)</b>	225mm x 139mm x 38.9mm
• <b>Weight</b>	1.26Kgs

## Ordering Information

- **FPC-08WA1**  
8.9" WSVGA TFT Touch Panel PC with AMD Geode LX800, 5-wire Resistive Touch Panel
- **FPC-08W04**  
8.9" WSVGA TFT Touch Panel PC with Intel® 945GSE + ICH7-M Chipset, 5-wire Resistive Touch Panel
- **ACC-WIFI-USB-8R**  
WIFI-USB Module for FPC-08WA1 Series
- **ACC-WIFI-USB-9R**  
WIFI-USB Module for FPC-08W04 Series
- **ACC-ARM-D15R**  
VESA Stand/ Wall 75/ 100mm for 8" Panel PC, 165 x 140 x 20.5mm
- **ACC-ARM-D16R**  
VESA Stand/ Wall 75/ 100mm for 8"/ 10" Panel PC, 169 x 167 x 20.5mm
- **ACC-ARM-D21R**  
Black & Silver Table Stand 75/ 100mm
- **ACC-ARM-D22R**  
Black Table Stand 75/ 100mm
- **ACC-FPC-WALLMT-02R**  
Wall Mount Bracket Kit for FPC-08W
- **ACC-FPC-08WPM-01R**  
Panel Mount Kit for FPC-08W Series
- **ACC-CF-XX**  
CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)

1  
LPC  
Series

2  
PPC  
Series

3  
FPC  
Series

4  
MPC  
Series

5  
SPC  
Series

6  
MTP  
Series

7  
OPC/  
LCD Kit

8  
RISC

9  
ACC