



Features

- 10" WSVGA TFT Touch Panel PC
- 5-wire Resistive Touch Screen
- VGA, Audio
- Dual Ethernet, Optional WiFi Module
- 1 CF, 2 COM, 4 USB
- 2.5" SATA / IDE HDD Support
- +12V Single Power Input
- VESA Compliance
- IP-65 Compliant Front Panel

Touch Screen

2 LAN

CF

2 COM

4 USB

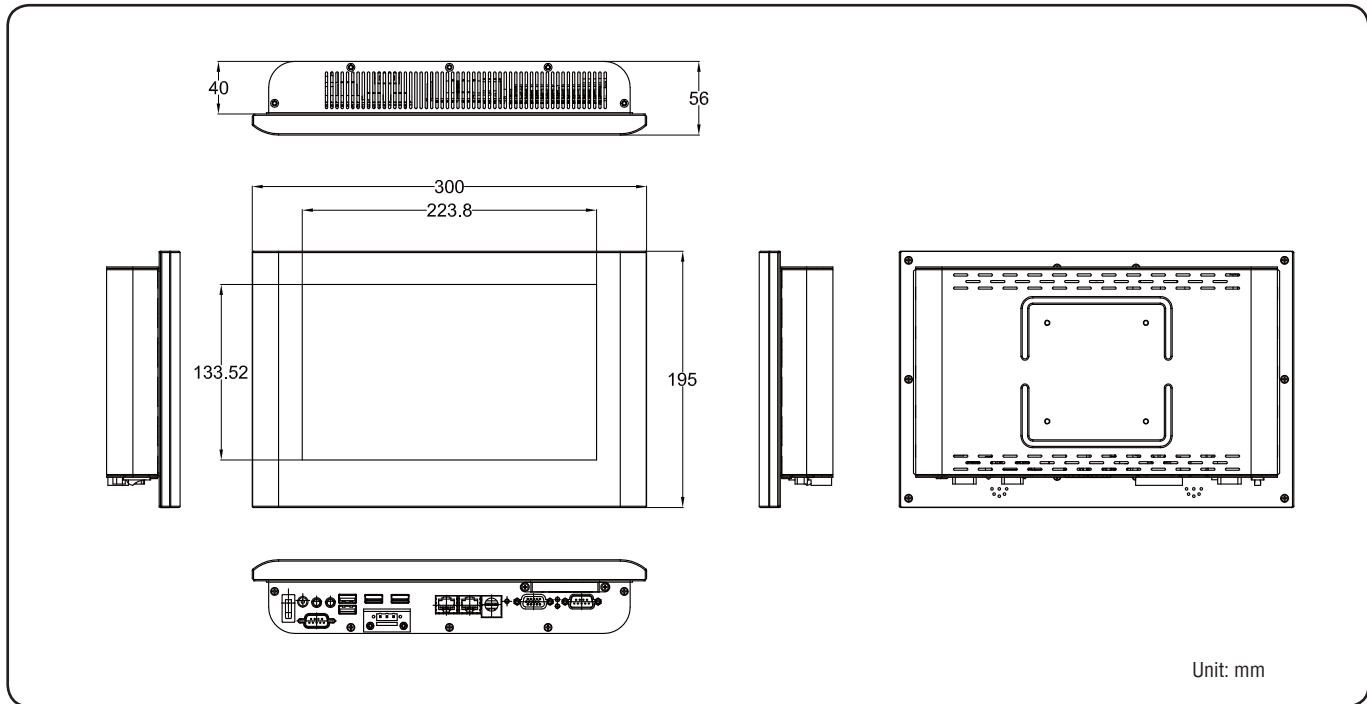
VESA

IP-65

Specifications

Model Name	FPC-10W01	FPC-10W03	FPC-10W04	FPC-10WA1
• LCD Size	10" Wide	10" Wide	10" Wide	10" Wide
• Display Type	WSVGA TFT	WSVGA TFT	WSVGA TFT	WSVGA TFT
• Resolution	1024 x 600	1024 x 600	1024 x 600	1024 x 600
• Color	256K	256K	256K	256K
• Pixel Pitch	0.21525mm(W) x 0.21525mm(H)	0.21525mm(W) x 0.21525mm(H)	0.21525mm(W) x 0.21525mm(H)	0.21525mm(W) x 0.21525mm(H)
• Luminance	250 cd/m2	250 cd/m2	250 cd/m2	250 cd/m2
• Contrast Ratio	500	500	500	500
• Viewing Angle	50(U), 60(D), 70(L), 70(R)	50(U), 60(D), 70(L), 70(R)	50(U), 60(D), 70(L), 70(R)	50(U), 60(D), 70(L), 70(R)
• Response Time	25 ms	25 ms	25 ms	25 ms
• Back Light	LED	LED	LED	LED
• Touch Screen	5-wire Resistive	5-wire Resistive	5-wire Resistive	5-wire Resistive
• Light Transmission	80%	80%	80%	80%
• Touch Interface	USB	USB	USB	USB
System				
• CPU	Supports 65nm Intel® μFC-PGA 478 / μFC-BGA 479 Core™ Duo / Core™ 2 Duo / Celeron® M CPU	Onboard Intel® Celeron M 600MHz with 512K L2 Cache or Intel® μFC-PGA 478 / μFC-BGA 479 Celeron® M CPU	Intel® Atom™ N270 1.6 GHz CPU	Onboard AMD Geode LX800 @ 0.9 W 500 MHz with 128K L2 cache CPU
• Cooling Method	Active CPU cooler	Active CPU cooler	Passive CPU heatsink	Passive CPU heatsink
• System Chipset	Intel® 945GME / ICH7-M	Intel® 910GML / ICH6-M	Intel® 945GSE / ICH7-M	AMD Geode LX800 / CS5536
• System Memory	One 200-pin SODIMM supports up to 2 GB DDR2 400/533/667 SDRAM	One 200-pin SODIMM socket supports up to 1 GB DDR2 333/400 SDRAM	One 200-pin SODIMM socket supports up to 2 GB DDR2 400/533 SDRAM	Onboard 512 MB DDR Memory
• SSD	1 x CompactFlash Type I/II socket (internal)	1 x CompactFlash Type I/II socket (internal)	1 x CompactFlash Type I/II socket (internal)	1 x CompactFlash Type I/II socket (internal)
• VGA	1 x DB-15	1 x DB-15	1 x DB-15	1 x DB-15
• HDD Driver Bay	1 x 2.5" SATA HDD or optional 44-Pin IDE HDD	1 x 2.5" SATA HDD or optional 44-Pin IDE HDD	1 x 2.5" SATA HDD or optional 44-Pin IDE HDD	1 x 2.5" 44-Pin IDE HDD
• Audio	1 x Line out, 1 x Mic in	1 x Line out, 1 x Mic in	1 x Line out, 1 x Mic in	1 x Line out, 1 x Mic in
• Speaker	2 x 2W	2 x 2W	2 x 2W	2 x 2W
• WiFi	Optional USB WiFi 802.11 b/g (occupy one USB port)	Optional USB WiFi 802.11 b/g (occupy one USB port)	Optional USB WiFi 802.11 b/g (occupy one USB port)	Optional USB WiFi 802.11 b/g (occupy one USB port)
Rear I/O				
• Serial Port	1 x RS-232, 1 x RS-232/422/485	1 x RS-232, 1 x RS-232/422/485	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 RTL8111B Gigabit Ethernet)	2 x RJ-45 (Atheros AR8121 Gigabit Ethernet)	2 x RJ-45 (Marvell 88E8053 Gigabit Ethernet)	2 x RJ-45 (Realtek RTL8101L LAN)
• USB Port	4 x USB 2.0	6 x USB 2.0	6 x USB 2.0	4 x USB 2.0
• Mouse & K/B	1 x PS/2 Keyboard & Mouse	n/a	n/a	1 x PS/2 Keyboard connector

Diagram



Model Name	FPC-10WV1
• LCD Size	10" Wide
• Display Type	WSVGA TFT
• Resolution	1024 x 600
• Color	256K
• Pixel Pitch	0.21525mm(W) x 0.21525mm(H)
• Luminance	250 cd/m2
• Contrast Ratio	500
• Viewing Angle	50(U), 60(D), 70(L), 70(R)
• Response Time	25 ms
• Back Light	LED
• Touch Screen	5-wire Resistive
• Light Transmission	80%
• Touch Interface	USB
System	
• CPU	Onboard VIA Eden V4 1 GHz CPU
• Cooling Method	Passive CPU heatsink
• System Chipset	VIA CX700M
• System Memory	One 200-pin DDR2 SODIMM supports up to 1 GB DDR2 400/533 SDRAM
• SSD	1 x CompactFlash Type I/II socket (internal)
• VGA	1 x DB-15
• HDD Driver Bay	1 x 2.5" SATA HDD or optional 44-Pin IDE HDD
• Audio	1 x Line out, 1 x Mic in
• Speaker	2 x 2W
• WiFi	Optional USB WiFi 802.11 b/g (occupy one USB port)
Rear I/O	
• Serial Port	1 x RS-232, 1 x RS-232/422/485
• Ethernet	2 x RJ-45 (Realtek RTL8101L LAN)
• USB Port	4 x USB 2.0
• Mouse & K/B	1 x PS/2 Keyboard connector

Environment & Mechanical	
• Color	Black
• Mounting	Wall Mount/Stand/VESA 75 x 75 mm
• Power Input	100~250 Vdc/ 47~63 Hz
• Power Output	+12 Vdc / 5 A (60W)
• Operating Temperature	0~40°C
• Storage Temperature	-10°C~50°C
• Relative Humidity	10 to 95% @ 40°C, non-condensing
• Dimension (W x D x H)	300 mm x 195 mm x 56 mm
• Weight	2.95 kgs / 6.5 lbs

Ordering Information

- **FPC-10W01**
10" WSVGA TFT Touch Panel PC with Intel® 945GME Chipset, 5-wire resistive Touch Panel
- **FPC-10W03**
10" WSVGA TFT Touch Panel PC with Intel® 910GML Chipset, 5-wire resistive Touch Panel
- **FPC-10WA1**
10" WSVGA TFT Touch Panel PC with AMD Geode LX800, 5-wire resistive Touch Panel
- **FPC-10WV1**
10" WSVGA TFT Touch Panel PC with VIA CX700M Chipset, 5-wire resistive Touch Panel
- **FPC-10W04**
10" WSVGA TFT Touch Panel PC with Intel® 945GSE Chipset, 5-wire resistive Touch Panel
- **ACC-WIFI-USB-7R**
WiFi-USB Module for FPC-10W Series
- **ACC-ARM-D16R**
VESA Stand/Wall 75/100 mm for 8/10" Panel PC, 169 x 167 x 20.5 mm
- **ACC-ARM-D1R**
VESA STAND, 75 & 100 mm
- **ACC-ARM-D2R**
VESA STAND, 75 & 100 mm
- **ACC-ARM-D1R (Z Type)**
VESA STAND, 75 mm
- **ACC-CF-XX**
CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4, 8 GB)

1
Embedded System

2
LPC Series

3
PPC Series

4
FPC Series

5
VTP Series

6
MTP Series

7
ETX/COM Express

8
3.5" SBC

9
EPIC

10
Half-size

11
5.25" SBC

12
PC/104

13
Peripherals

14
Index