

SPC-22W Series

Full IP-65 Stainless Steel Chassis
Fanless Touch Panel PC



Features

- Water Proof Solution, Full IP-65 Rating
- Stainless and Aluminum Housings Chassis Design
- SPC-22W5: Intel® Atom™ D525 Dual Core 1.8GHz CPU
SPC-22W7: Intel® Cedarview D2700 2.13GHz CPU
SPC-22W4: AMD eOntario T40E 1.0 GHz CPU
- 1 Gigabit Ethernet, 1 COM, 3 USB
- 1 Membrane Power Button
- Wide Voltage +12V ~ +28V Input, ErP Power
- Power-on Timer



Specifications

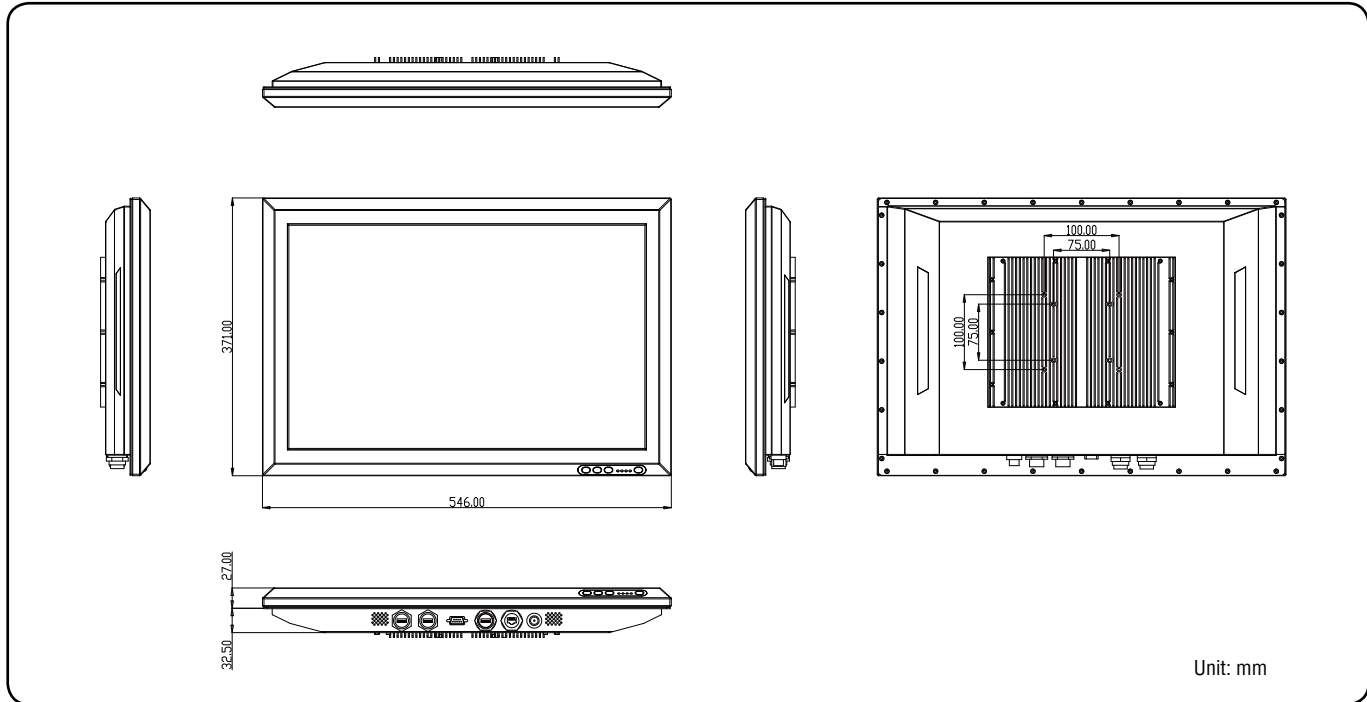
Model Name	SPC-22W5	SPC-22W7	SPC-22W4
• LCD Size	22"W, 16:10	22"W, 16:10	22"W, 16:10
• Resolution	1680 x 1050, WSXGA	1680 x 1050, WSXGA	1680 x 1050, WSXGA
• Pixel Pitch	0.282mm (H) x 0.282mm (V)	0.282mm (H) x 0.282mm (V)	0.282mm (H) x 0.282mm (V)
• Luminance	300cd/m ²	300cd/m ²	300cd/m ²
• Contrast Ratio	1000	1000	1000
• Viewing Angle	80 (U), 80 (D), 85 (L), 85 (R)	80 (U), 80 (D), 85 (L), 85 (R)	80 (U), 80 (D), 85 (L), 85 (R)
• Response Time	5ms	5ms	5ms
• Backlight	CCFL	CCFL	CCFL
• Touch Screen	5-wire Resistive	5-wire Resistive	5-wire Resistive
• Light Transmission	80%	80%	80%
• Touch Interface	USB	USB	USB
System			
• Board	EBM-PNV	EBM-CDV	EBM-A50M
• CPU	Onboard Intel® Atom™ D525 Dual Core 1.8GHz CPU	Onboard Intel® Atom™ Cedarview Dual-Core D2700 2.13GHz CPU	Onboard AMD eOntario T40E 1.0GHz CPU
• System Chipset	Intel® ICH8-M Chipset	Intel® NM10 Chipset	AMD A50M Chipset
• I/O Chip	Nuvoton W83627DHG-P	E/C IT8518E	Nuvoton W83627DHG-P
• System Memory	Onboard 1GB SDRAM and One SODIMM Supports Up to 3GB DDR3 800MHz SDRAM	One 204-pin SODIMM Supports Up to 4GB DDR3 1066MHz SDRAM	Onboard 2GB DDR3 and One 204-pin SODIMM Supports Up to 4GB DDR3 1066MHz 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	One CF Socket by IDE Secondary Slave Channel Supports Type I/II Compact Flash Card
• Hard Driver Bay	One 2.5" SATA HDD	One 2.5" SATA HDD	One 2.5" SATA HDD
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step	Reset: 1sec. ~ 255min. and 1sec. or 1min./step	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage, and Cooling Fan Status. with Auto Throttling Control	Monitoring System Temperature, Voltage, and Cooling Fan Status. with Auto Throttling Control	Monitoring System Temperature, Voltage, and Cooling Fan Status. with Auto Throttling Control
• Expansion	2 x Mini PCIe Slot	1 x Mini PCIe Slot, Optional Supports mSATA	2 x Mini PCIe Slot
Rear I/O			
• Serial Port	1 x RS-232 (Water Proof, IP-67 Rating)	1 x RS-232 (Water Proof, IP-67 Rating)	1 x RS-232 (Water Proof, IP-67 Rating)
• Ethernet	1 x RJ-45 (Water Proof, IP-67 Rating) (Intel® 82574L Gigabit Ethernet, Optional Dual 82574L Gigabit Ethernet)	1 x RJ-45 (Water Proof, IP-67 Rating) (Intel® 82574L Gigabit Ethernet, Optional Dual 82574L Gigabit Ethernet)	1 x RJ-45 (Water Proof, IP-67 Rating) (Realtek RTL8111E Ethernet, Supports Wake on LAN)
• USB	3 x USB 2.0 (Water Proof, IP-67 Rating)	3 x USB 2.0 (Water Proof, IP-67 Rating)	3 x USB 2.0 (Water Proof, IP-67 Rating)
• Power Switch	1 x Membrane Power Button	1 x Membrane Power Button	1 x Membrane Power Button
• Power Input	1 x DC-in (Water Proof, IP-67 Rating)	1 x DC-in (Water Proof, IP-67 Rating)	1 x DC-in (Water Proof, IP-67 Rating)



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Diagram



Environment & Mechanical

• Color	Front & Rear Panel Silver
• Mounting	VESA/ Wall/ Stand 75mm x 75mm & 100mm x 100mm
• System Power Requirement	+12 ~ 28V DC Power Input
• Power Adapter	Input: 100 ~ 250VAC/ 47 ~ 63Hz Output: 90W Adapter (19V @ 4.74A Adapter)
• Operating Temperature	0 ~ 40°C (32 ~ 104°F)
• Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
• Relative Humidity	5% ~ 90% Relative Humidity, Non-condensing
• Dimensions (W x D x H)	546mm x 371mm x 65mm
• Weight	9Kgs

Ordering Information

- **SPC-22W5**
22" WSXGA TFT Touch Panel PC with Intel® Atom™ D525 Dual Core 1.8GHz CPU
- **SPC-22W7**
22" WSXGA TFT Touch Panel PC with Intel® Cedarview D2700 2.13GHz CPU
- **SPC-22W4**
22" WSXGA TFT Touch Panel PC with AMD eOntario T40E Dual-Core 1.0GHz CPU
- **ACC-SPC-WIFIUSB-2R**
USB WiFi 802.11 b/g/n Module w/ Antenna, Cable
- **ACC-ARM-D1R**
VESA Stand, 75 & 100mm
- **ACC-ARM-D8R**
Wall Mount Bracket VESA 75 & 100mm
- **ACC-ARM-D19R**
L Type Stylish Table Stand VESA 75 & 100mm
- **ACC-CF-XX**
CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)

1
LPC
Series

2
APC
Series

3
PPC
Series

4
FPC
Series

5
MPC
Series

6
OPM
Series

7
SPC
Series

8
MTP
Series

9
RISC
Series

10
ACC