



## SPC-22W7

**22" Intel® Atom™ Processor D2550 Fanless  
Stainless Steel Chassis Touch Panel PC with Full  
IP-65**

- > Onboard Intel® Atom™ D2550 1.86GHz BGA Processor
- > One SODIMM socket supports up to 4GB DDR3 800/1066 SDRAM
- > 1 CF, 2 USB, 1 COM
- > 1 Intel 82574L Gigabit LAN, 2W Amplifier
- > Wide Voltage +12V ~ +26V Input, ErP Power
- > Backlight Controlled by PWM
- > Full System IP65
- > Timer-Power-On

### + Spec

System	
System Chipset	Intel® NM10 Express Chipset
System Memory	1 x 204-Pin DDR3 1066MHz SO-DIMMup to 4 GB
I/O Chip	EC ITE IT8518E
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min/step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	EBM-CDV
Expansion	
Expansion	1 x Mini PCIe Supports SIM Card
I/O	
USB	3 x USB 2.0
SATA	1 x SATA II
COM Port	1 x RS-232
Display	
Chipset	Intel® Cedarview Integrated Graphics Supports dual display
Resolution	VGA:Max. resolution 1920x1200@ 60Hz
Audio	
Chipset	Realtek ALC892
Audio Interface	Line-Out
Speaker Output	2 x 2W
Ethernet	
Chipset	1 x Intel® 82574L
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	1 x RJ-45
Mechanical & Environmental	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	20% ~ 80% Relative Humidity, Non-condensing
Weight	9Kgs
Dimension (L x W x H)	546 x 378 x 69mm
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
System Fan	Fanless
Construction - Front	Front & Rear Silver Stainless
Construction - Rear	Black
Certifications	
Certification Information	CE / FCC Class A
Software Support	
OS Information	Win 7 Linux Win CE
Power Requirement	
Power Connector	Lockable DC Jack

<b>Power Requirement</b>	+12V ~ +26V
<b>Power Mode</b>	AT/ATX (ATX is default setting)
<b>Adapter</b>	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter AC-DC Adapter
<b>Panel</b>	
<b>LCD Size</b>	22"
<b>Display Type</b>	WSXGA
<b>Resolution</b>	1680x1050
<b>Pixel pitch</b>	0.282mm(H) x 0.282mm(V)
<b>Luminance</b>	250 cd/m2
<b>Contrast ratio</b>	1000
<b>Viewing angle</b>	80 (U), 80 (D), 85 (L), 85 (R)
<b>Response time</b>	5 ms
<b>Backlight</b>	LED
<b>Touch Type</b>	5 Wires resistive
<b>Touch Light Transmission</b>	80 %
<b>Touch Controller</b>	Onboard USB touch (EETI)

## + Ordering

SPC-22W7-255-A2R  
22" WSXGA Waterproof Stainless Panel PC with Intel D2700 2.13GHz CPU

ACC-SPC-WIFI-2R  
802.11b/g/n MPCle/2Antenna/Cable, only for SPC-12 Series

ACC-ARM-D1R  
VESA STAND, 75mm & 100 mm  
ACC-ARM-D23R  
VESA STAND, 75mm & 100 mm