



## SPC-1205

**12.1" Intel® Atom™ Processor D525 Fanless  
Stainless Steel Chassis Touch Panel PC with Full  
IP-65**

- > Onboard Intel® Atom™ D525 1.8GHz BGA Processor
- > Onboard 1 GB up to 2GB & 1 SODIMM up to 4 GB DDR3 SDRAM
- > 3 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	
<b>Processor</b>	Intel® Atom™ D525 2-Core 1.8GHz processor
<b>System Chipset</b>	Intel® ICH8-M Chipset
<b>System Memory</b>	Onboard DDR3 1GB up to 2GB 1 x 204-Pin DDR3 1066MHz SO-DIMM total up to 4GB
<b>I/O Chip</b>	Nuvoton W83627DHG
<b>Watchdog Timer</b>	H/W Reset: 1sec.~255min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring SYSTEM Temperature and Voltage with Auto Throttling Control
<b>SBC</b>	EBM-PNV
Expansion	
<b>Expansion</b>	2 x Mini PCIe
Storage	
<b>Storage</b>	1 x CompactFlash Type III Socket 1 x 2.5" Drive Bay
I/O	
<b>USB</b>	3 x USB 2.0
<b>SATA</b>	1 x SATA II
<b>COM Port</b>	1 x RS-232
Display	
<b>Chipset</b>	Intel® Pineview Integrated Graphics Supports dual display
<b>Resolution</b>	VGA:Max. resolution 2048x1536@ 60Hz
Audio	
<b>Chipset</b>	Realtek ALC888
<b>Audio Interface</b>	Line-Out
<b>Speaker Output</b>	2 x 2W
Ethernet	
<b>Chipset</b>	1 x Intel® 82574L
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	1 x RJ-45
Mechanical & Environmental	
<b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Storage Temperature</b>	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Operating Humidity</b>	20% ~ 80% Relative Humidity, Non-condensing
<b>Weight</b>	4.23Kgs
<b>Dimension (L x W x H)</b>	311 x 272 x 58mm
<b>Vibration Test</b>	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
<b>System Fan</b>	Fanless
<b>Construction - Front</b>	Front & Rear Silver Stainless
<b>Construction - Rear</b>	Black
Certifications	
<b>Certification Information</b>	CE / FCC Class A
Software Support	
<b>OS Information</b>	Win 7 Linux Win CE
Power Requirement	

<b>Power Connector</b>	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 (24V @ 2.5A Adapter)
<b>Panel</b>	
<b>LCD Size</b>	12.1", 4:3
<b>Display Type</b>	XGA
<b>Resolution</b>	1024x768
<b>Pixel pitch</b>	0.240mm(H) x 0.240mm(V)
<b>Luminance</b>	600 cd/m2
<b>Contrast ratio</b>	700
<b>Viewing angle</b>	70 (U), 70 (D), 80 (L), 80 (R)
<b>Response time</b>	16 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-1205-525-A2R  
12.1" XGA Waterproof Stainless Panel PC with Intel D525 1.8 GHz

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

ACC-ARM-D4R  
ARM A800 VESA standard 75\*75 & 100\*100mm

ACC-ARM-D22R  
VESA STAND, 75x75 & 100x100 mm