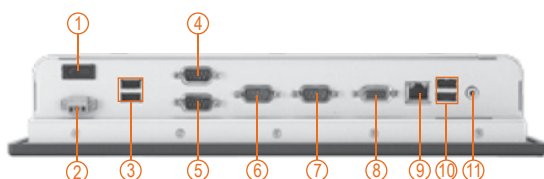


# Senses 5220S

12.1" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor (-10° ~ +55° C)



- 1. Power switch
- 2. DC power input
- 3. USB 2.0 x 2
- 4. COM 4 (RS-232)
- 5. COM 3 (RS-232)
- 6. COM 1 (RS-232/422/485)
- 7. COM 2 (RS-232)
- 8. VGA
- 9. Ethernet
- 10. USB 2.0 x 2
- 11. Audio (Line-out)

## Features



- 12" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with Intel® Atom™ N270 1.6 GHz
- Anti-vibration up to 1.3G (HDD, random)
- Supports WLAN antenna (optional)
- Easy for expansion: Mini Card
- Over-current protection-fuse
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)



Side view

## Introduction

Senses 5220S is the 12.1" fanless touch panel computer. The 5220S adopts a modern, super sleek fanless design, is equipped with a 12.1" TFT LCD, and low power consumption Intel® Atom™ processor. In response to customer's requests for wireless applications, the 5220S has a Mini Card slot and an optional fixed rotational WLAN antenna for wireless network connection. By just plugging in the Mini Card WLAN card, customers have instant access wireless LAN.

### Super slim design: 69mm

The 5220S is a super slim fanless touch panel computer for limited space environments. This fanless touch panel computer is designed around the concept of curved lines and soft edges by incorporating an ULV Intel® Atom™ processor and a streamlined mechanical layout.

### WLAN antenna supported (optional)

The 5220S provides a Mini Card slot and an optional fixed rotational WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the unit in a wireless environment.

### Anti-vibration up to 1.3G

With a special vibration-resistant design patent, 5220S can work well under 1.3G (5-500Hz) in operation mode, and equipped with a 2.5" HDD.

## Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel		System	1 x 200-pin DDR2 533 SODIMM max.
LCD Panel	Display Type	12.1" SVGA TFT LCD	Memory	up to 2 GB
	Brightness (cd/m <sup>2</sup> )	450 nits	BIOS	Phoenix-Award 4 Mbit with RPL/PXE LAN boot ROM, AMI 8 Mbit with RPL/PXE LAN boot ROM
	Resolution	800 x 600		
	View Angle (H/V)	160° / 140°		
Main System	CPU	Intel® Atom™ processor N270 1.6 GHz	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Chipset	Intel® system control hub US15W PT Intel® 945GSE-ICH7M	Watchdog	255 levels, 0-255 sec.
			Timer	
			Onboard	Integrated Intel® 945GSE
			Graphics	

I/O Connector	3 x RS-232 1 x RS-232/422/485 1 x VGA 1 x Audio (Line-out) 4 x USB 2.0 1 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCIe Mini Card
Touchscreen	Resistive type
Power Supply	12/24V <sub>DC</sub> , 36W, w/ fuse power protection
Dimensions	332 mm (13") (W) x 70.5 mm (2.77") (D) x 267 mm (10.5") (H)
Weight (net/gross)	TBD
Environment	Operating temperature: -10 °C - +55 °C (14 °F - 131 °F) Relative humidity: 10% - 95% @ 40 °C; non-condensing Operation vibration: 1.3G, 5 - 500Hz, random for 2.5" HDD 3G, 5 - 500Hz, random for CompactFlash™
Certification	CE

## Dimensions

