

Specifications

		SPT-200A-22TP	SPT-200A-22TR
OS		Japanese / English / Chinese / Korean Windows 10 IoT Enterprise 2019 LTSC 64-bit	
CPU (BTO)		Intel® Core™ i5-8500T Processor (2.1GHz 6 core /6-thread) Intel® Core™ i3-8100T Processor (3.1GHz 4 core /4-thread) Intel® Celeron® G4900T Processor (2.9GHz 2 core /2-thread)	
Main memory (BTO)		8GB (1×8GB) DDR4-2666 (PC4-21333) 16GB (2×8GB) DDR4-2666 (PC4-21333)	
Storage (BTO) *1		2.5" SATA 500GB HDD 2.5" SATA 128GB SSD (3D TLC) M.2 2280 128GB SSD (3D TLC)	
Graphic	CPU built-in	Intel® UHD graphics 630 / 610	
	Video memory / standard-resolution	Share with the main memory / 800×600 - 1,920×1,080 (digital)/16,770,000 colors	
Display	Panel type	21.5-inch wide Gloss screen IPS panel	21.5-inch wide Gloss screen VA panel
	Touch screen detection system	Projected capacitive touch screen 10-Point multi touch	Optical system 2-point multi touch
	Touch screen communication method	USB	USB
	Aspect ratio	16 : 9	16 : 9
	Pixel pitch	0.247 x 0.247 mm	0.248 x 0.248 mm
	Resolution (max)/Display color (max)	1,920 x 1,080 (60Hz) / 1,677colors	1,920 x 1,080 (60Hz) / 1,677colors
	Contrast ratio (max)	1,000 : 1	1,000 : 1
	View angle (horizontal/vertical)	178° (Horizontal) / 178° (Vertical)	170° (Horizontal) / 160° (Vertical)
	Response time	8ms (Gray to Gray)	5ms (Gray to Gray)
	Maximum luminance (with touch screen)	225 cd/m²	200 cd/m²
External interface (Display)	Dust-proof, Drip-proof,	Display front side IP54-compliant	
External interface (Display)	Touch screen input	1×USB (Used)	1×USB (Used)
	DVI	1×DVI (29ピン DVI connector Used) , 1×アナログRGB (15ピン HD-SUB connector[female])	1×DVI (29ピン DVI connector Used) , 1×アナログRGB (15ピン HD-SUB connector[female])
External interface (PC)	LAN A	1×1000BASE-T/100BASE-TX/10BASE-T (Wake On LAN support)	
	LAN B (BTO) *1	1×1000BASE-T/100BASE-TX/10BASE-T 1×Wireless LAN IEEE 802.11ac/a/b/g/n	
	USB	2×USB 3.0, 4×USB 2.0 (1port used)	
	RS-232C	1×RS-232C (9ピン D-SUBコネクタ[male],50 - 115,200bps)	
	Display	1×DisplayPort, 1×HDMI (used)	
	Audio	1×LINE OUT, 1×MIC IN (HD Audio compliant)	
Display side power supply (Bundled AC adapter)	Rated power supply input voltage/Range of input voltage	100 - 240VAC / 90 - 264VAC	100 - 240VAC / 90 - 264VAC
	Power consumption	48W	26W
PC side power supply (Bundled AC adapter)	Rated power supply input voltage/ Range of input voltage	100 - 240VAC / 90 - 264VAC	
	Power consumption	79W	
	External device power supply capacity	USB 3.0: +5VDC 1.8A (900mA×2) / USB 2.0: +5VDC 2.0A (500mA×4)	
Physical dimensions (mm)/ Weight		517(W)×291(D)×404(H) No protrusions / 7.7kg (Excluding AC adapter)	511(W)×291(D)×388(H) No protrusions / 7.8kg (Excluding AC adapter)
Standard		CE Marking (EMC Directive Class A, RoHS Directive) *2, FCC Class A, UKCA, VCCI Class A	

*1 There are combinations that cannot be configured. *2 The wireless LAN installed type is not certified for CE Marking.

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Operate factory or industrial equipment using touch screens

Projection-type 10-point capacitive multi-touch model
2-point optical multi-touch model for use with gloves

Minimizes OS updates and restarts to prevent work stoppages

Includes a Windows 10 IoT Enterprise 2019 LTSC OS with convenient lock-down function

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IEEE 802.11ac/b/g/n wireless LAN and dual LAN configurations are available

Fully assembled models available for quick and convenient use in industrial applications
Complete setup model / Quick start by powering on!

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Operator Panel Operation terminal for industrial equipment



Kitchen Display Order information terminal for Restaurants



Touch operation with gloves

The optical touch type (SPT-200A-22TR) can be touch-operated while wearing gloves.



Downsize equipment

Just enough space to mount the table top display is required—eliminating the need for PC space inside equipment.



Improved work quality

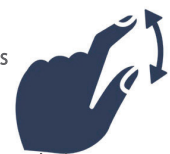
This large, high-resolution, 21.5-inch full-HD display facilitates communication of work instructions for enhanced work quality.

21.5" WIDE

**FULL HD
1080**

Scalable screen

Drawings or output samples can be viewed and confirmed by scaling the display right at machining or printing terminals.



100% view of vertical A4 documents

By adjusting the display to vertical orientation, vertical A4-sized documents such as standard operating procedures (SOP) can be viewed without the need for scaling.



Dust- and drip-proof

Featuring IP54-rated dust- and drip-proof specifications. Can be used safely in environments with splashing water or oil.

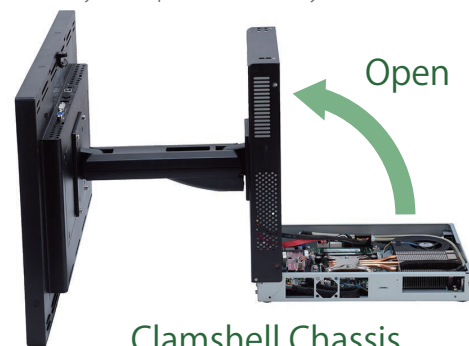


※ SPT-200A-TP LCD front

*Product ships in horizontal orientation. Switching to vertical orientation and OS setting changes are required.

Featuring CONTEC's industrial know-how

With a newly developed display-stand shaped PC enclosure and a clamshell opening/closing mechanism that facilitates access inside the PC, this product enables maintenance and the adding of memory to be performed easily even with the display installed.

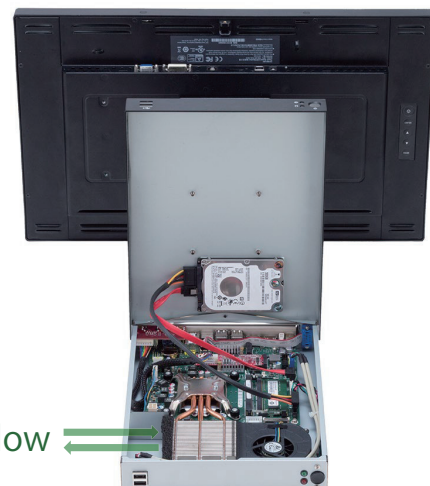


Clamshell Chassis

Heat pipes and a thin CPU fan are employed to enable a high-performance CPU to be installed within a limited space.

The duct structure cooling mechanism which is separated from the airflow inside the PC prevents dust and other foreign matter from being sucked into the PC enclosure.

Air Flow



Ordering Information

This product is ordered by BTO (Build to Order) method. Please inform the dealer about the BTO menu and request a quotation.

Base System

SPT-200A-22TP
21.5-inch, full-HD IPS panel Projection-type
10-point capacitive multi-touch model

Fully flat and operable with light touches

SPT-200A-22TR
21.5-inch, full-HD VA panel
2-point optical multi-touch model

Can be operated using fingers, pens, or with gloves on

BTO Select Menu

CPU	Core i5-8500T 6 cores 6 threads 2.10GHz(Max turbo frequency 3.50GHz) vPro technology	Core i3-8100T 4 cores 4 threads 3.10GHz	Celeron G4900T 2 cores 2 threads 2.90GHz	
Memory	8GB (DDR4 8GB×1)		16GB (DDR4 8GB×2)	
Storage1 (OS) *1	128GB SSD (M.2)	128GB SSD (SATA)	500GB HDD (SATA)	
Storage2	128GB SSD (M.2)	128GB SSD (SATA)	500GB HDD (SATA)	None
Additional LAN *2	Gigabit LAN port		None	
Wireless LAN *3	IEEE802.11ac + Bluetooth		None	
OS	Japanese / English / Chinese / Korean 64bit Windows 10 IoT Enterprise 2019 LTSC	Japanese / English / Chinese / Korean 64bit Windows 10 IoT Enterprise 2019 LTSC with Microsoft Edge (Chromium)	None	
option	AC adapter holder	VESA bracket of preventing LCD fall*4	None	

*1 If a 128GB SSD (M.2) is selected for storage 1, you cannot select 128GB SSD (M.2) for storage 2. *2 If a Gigabit LAN port is selected, the 128GB SSD (M.2) is not be available for storage 1. And the wireless LAN is also not selectable. *3 In the case of a wireless LAN configuration, it can only be used in Japan. If you want to use it in the other countries or regions, please contact our sales office. *4 This option is recommended if the display is frequently changed to be vertically or horizontally. When the mounting screws of the display arm are removed, the display does not fall, reducing the burden of replacement work.