



POS SYSTEM 200

IMU enhances the brand
value of customers

All-in-One
POS Terminal



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POS SYSTEM 200

Designed as considering user's convenience

#DURABILITY
#SAFETY
#MAINTENANCE
#CONVENIENCE



Full Aluminum frame structure to optimize CPU heat dissipation

- Fanless application even for high-end CPUs (i3/i5/i7)
- Excellent anti-static effect and longevity of internal components



One-touch installation of 2nd display

- Easy and quick installation with automatic coupling structure (Takes 2 minutes)
- One integrated Cable Structure (One Cable – Power/Touch/DATA)
- Adjust the monitor angle by rotating up, down, left and right



Glass touch panel

- High screen clarity and low fatigue even when used for a long time
- Safe from scratches and can keep a clean screen for a long time



Secure Safety through tightening connection

- Prevent reverse current-protect main PCB
- Tighten connection for power
- Application of the plug type regardless of the direction of the power cable (Connection protection)



SSD Sliding structure design

- Easy switch SSD – Takes only 5 second
- Prevention of damage due to reverse insertion
- Rail structure to absorb vibration (SSD protection even in micro vibrations)



CPU
**Intel-12th i3/i5/i7
N97, J6412**

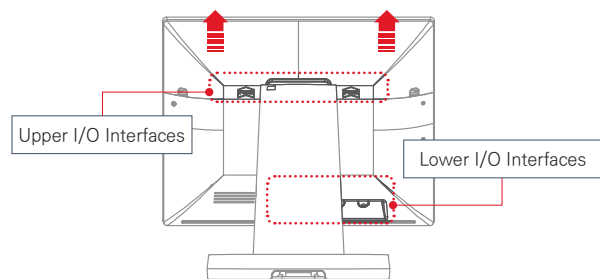


MEMORY
**4GB (Max. 32GB)
8GB (Max. 16GB)**

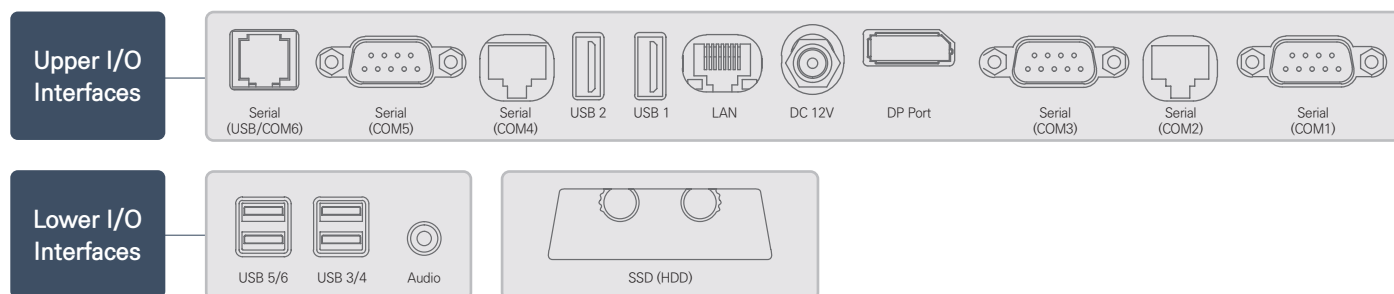


SSD
512GB (Max)

VARIOUS I/O INTERFACE PROVIDED 6 SERIAL, 6 USB



- ✓ Various serial port
- ✓ Wide rooms between I/O ports
- ✓ Multi display available (3 Products)



Peripheral Options

YOU CAN SELECT AND USE VARIOUS COMBINATIONS



Specification

S-200AL		N-200		E-200			
System							
Processor		12th Generation Intel® Core™ Processors Core i3-1215U / Core i5-1235U / Core i7-1255U (Fanless)		Intel® Processor N97, up to 3.60 GHz (Fanless)		Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz (Fanless)	
Chipset / BIOS		Intel® Alder Lake SoC / AMI UEFI		Intel® Alder Lake-N SoC / AMI UEFI		Intel® Elkhart Lake SoC / AMI	
Storage		2.5" SATA III SSD 128GB (SSD 256/512GB, optional)					
Memory		4GB SO-DIMM DDR4 3200MHz x 1 (Max 32GB, optional)		8GB SO-DIMM DDR4 3200MHz x 1 (Max 16GB, optional)		4GB SO-DIMM DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)	
Graphics		Core™ i3-1215U - Intel® UHD Graphics for 12th Gen Intel® Processors Core™ i5-1235U / Core™ i7-1255U - Intel® Iris® Xe Graphics		Intel® UHD Graphics		Intel® UHD Graphics for 10th Gen Intel® Processors	
OS		Windows 10 IoT Enterprise(64bit), Windows 11 IoT Enterprise(64bit)					
Display							
Primary Display Type		15" LED Backlight (1024 x 768 Resolution) *15.6" FHD (16:9) Available					
Touch		PCAP 10 Point Multi-touch					
I/O Interfaces							
Rear Top & Bottom Ports							
USB		2 x USB 2.0 (Rear Top x 2), 4 x USB 3.0(Rear Bottom x 4), 1 x USB 2.0 (RJ11)					
Serial		6 (DB9 x 3, RJ50 x 2, RJ11 x 1) COM1, 3, 5: DB9(+5V on pin #9, selectable by BIOS) COM2, 4 (RJ50, RJ45): Support +5V and 12V(G200 only) for Special Devices and can be used for Kitchen Printer COM6(RJ11): USB 2.0 and RS232 with +5V/1A for Card Reader					
Audio		1 x Audio-out / 3.5mm					
Extend Displays		1 x DisplayPort (included 1 x USB 2.0 / Power Delivery +12V) *Can be used for HDMI and Standard DVI, VGA monitor by passive cable.					
LAN		1 x RJ45 (Base-T 10/100/1000 Ethernet)					
Speaker		1 x 3W					
Peripheral Options							
Secondary Display  DisplayPort		• LCD Type: 9.7" or 15" LCD (USB Port x 1) • Touch Monitor: 9.7" or 15" LCD with Capacitive Touch (USB Port x 1) - by single cable(no power & USB cable) • Standard Monitor: supported standard DP, HDMI, DVI, VGA monitor by change monitor cable) • Standard and Powered DP MST Hub: supported standard or powered(customized) DP MST Hub.					
Customer Display (CDP)		FSTN LCD Type (20 columns x 2 lines)					
Card Reader (MSR / SCR)		Smart Card Reader: ISO/IEC7816 EMV Level 1 / Magnetic Stripe Reader: ISO 7811 ID-1 All tracks *Interface: USB(HID) and RS232C(COM6)					
Dallas Reader		Dallas Reader(i-button): 6 characters / prefix and suffix *Interface: USB(HID) and RS232C(COM6)					
Physical Dimension							
Dimension (W x D x H)		362 x 237 x 352 (mm) / 14.2 x 9.3 x 13.8 (inch)					
Weight		5.0 kg / 11.0 lb					
Box Dimension							
Dimension (W x D x H)		430 x 290 x 430 (mm) / 16.9 x 11.4 x 16.9 (inch)					
Weight		6.5 kg / 14.3 lb					
Environment							
Power Supply		DC 12V/7A (AC 100V~240V, 84W)		DC 12V/5A (AC 100V~240V, 60W)			
Temperature		Operating Temp: 0 ~ 40℃ / Storage Temp : -20~60℃ / Humidity: 20% to 90%					
Certifications		CE, FCC, KC					

*Specifications are subject to change without prior notice. *The weight of the box varies depending on the components and the main board. (includes box weight)



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