

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
J6412, J4125**

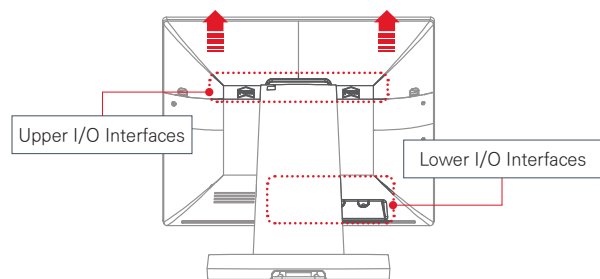


MEMORY
32GB (Max)

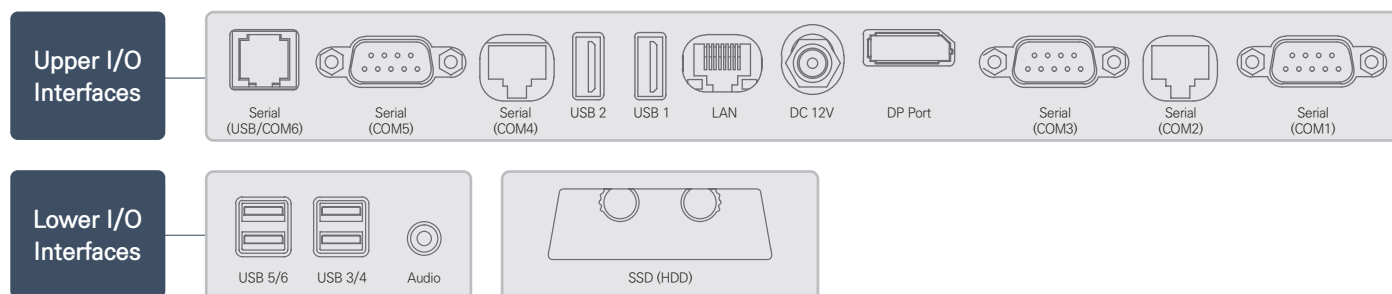


SSD
512GB (Max)

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		G-200		E-200	
System					
Processor	12th Generation Intel® Core™ Processors Core i3-1215U /Core i5-1235U / Core i7-1255U (Fanless)		Intel® Celeron® Quad-core Processor J4125 2.0GHz/2.7GHz (Fanless)		Intel® Celeron® Quad-core Processor J6412 2.0GHz/2.6GHz (Fanless)
Chipset / BIOS	Intel® Alder Lake SoC / AMI UEFI		Intel® Gemini Lake SoC / AMI		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)		DDR4 2400MHz x 1 (Max 16GB, optional)		DDR4 2666MHz~3200MHz x 1 (Max 32GB, optional)
Graphics	Intel® Iris® Xe Graphics		Intel® UHD Graphics 600		Intel® UHD Graphics for 10th Gen Intel® Processors
Multi Mointor	3 (# of Displays Supported) - up to 3 monitors (optional)				
OS	Windows 10 IoT Enterprise(64bit), Windows 11(64bit)				
Display					
Primary Display Type	15" LED Backlight (1024 x 768 Resolution) *E-Series is 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				
Secondary Display	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 (optional)	3W x 1				
Peripheral Options					
Secondary Display	• 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)		DC 12V/5A (AC 100V~240V, 60W)
Temperature	Operating Temp: 0 ~ 40℃ / Storage Temp : -20~60℃ / Humidity: 10% 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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