

POS SYSTEM

250

IMU enhances the brand
value of customers

All-in-One
POS Terminal



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WATCHING THE
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POS SYSTEM 250

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



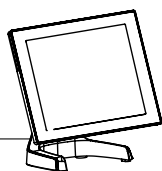
Secure Safety through tightening connection

- 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, N95, N150**

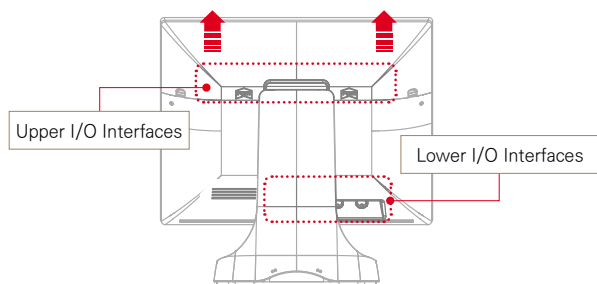


MEMORY
**4GB (Max. 32GB)
8GB (Max. 16GB)**

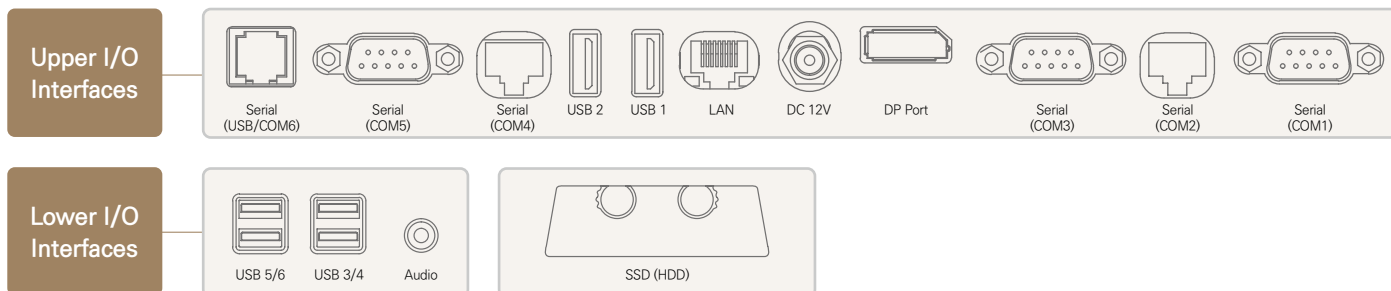


SSD
512GB (Max)

VARIOUS I/O INTERFACE PROVIDED 6 SERIAL, 6 USB

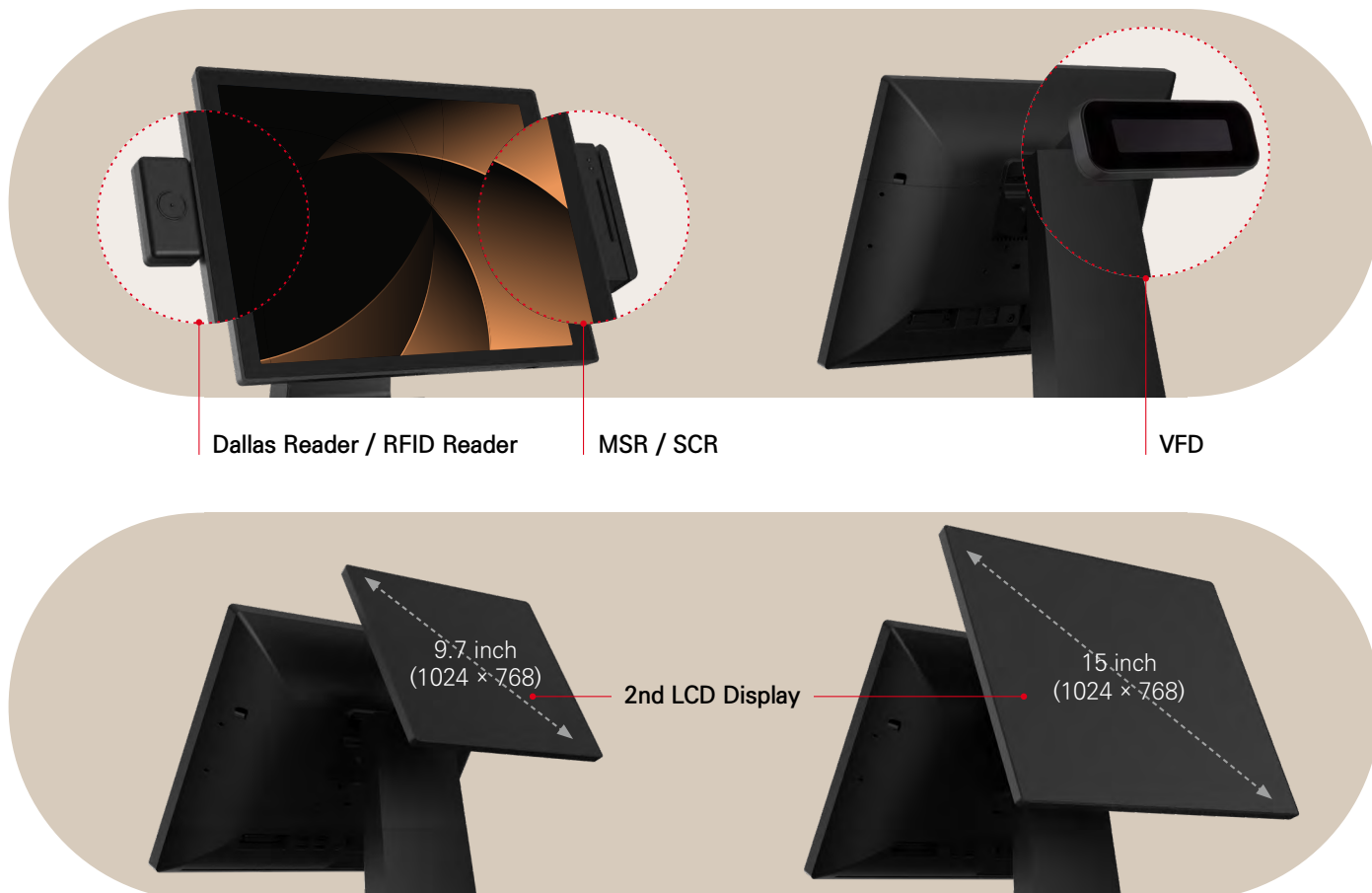


- ✓ Various serial port
- ✓ Wide rooms between I/O ports
- ✓ Multi display available (3 Products)



Peripheral Options

YOU CAN SELECT AND USE VARIOUS COMBINATIONS



Specification

N-250		NA-250		NT-250	
System					
Processor	Intel® Processor N97, up to 3.60 GHz (Fanless)		Intel® N95(4 Core, Max Turbo Frequency 3.40GHz) TDP 15W		Intel® N150(4 Core, Max Turbo Frequency 3.60GHz) TDP 6W
Chipset / BIOS	Intel® Alder Lake-N SoC / AMI UEFI		Integrated on SOC / AMI BIOS		
Storage	2.5" SATA III SSD 128GB (Max. 512GB, optional)		2.5" SATA III SSD 128GB (Max. 512GB, m.2 NVME 2280 SSD optional)		
Memory	8GB SO-DIMM DDR4 3200MHz x 1 slot (Max. 16GB)				
Graphics	Intel® UHD 1.2GHz(Execution Units 24)		Intel® UHD 1.20GHz (Excution Units 16)		Intel® UHD 1GHz(Excution Units 24)
OS	Windows 10 IoT Enterprise(64bit), Windows 11 IoT Enterprise(64bit)				
Display					
Primary Display Type	15" LED Backlight (1024 x 768 Resolution)				
Touch	PCAP 10 Point Multi-touch				
I/O Interfaces					
Rear Top & Bottom Ports					
USB	7 (USB 2.0/Rear Top x 2, USB 2.0/RJ11 x 1, USB 3.0/Rear Bottom x 4)				
Serial	6 (DB9 x 3, RJ50 x 2, RJ11 x 1)				
Audio	1 x Audio-out / 3.5mm				
Extend Displays	1 x DP output				
LAN	1 x RJ45 (Base-T 10,100,1000m/bps 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)				
Customer Display (CDP)	FSTN LCD Type (20 columns x 2 lines)				
Card Reader (MSR / SCR)	Smart Card Reader: ISO/IEC 7816 EMV Level 1 / Magnetic Stripe Reader: ISO 7811 ID-1 All tracks				
Dallas Reader	Dallas Reader(i-button): 6 characters / prefix and suffix				
Wireless	802.11 b/g/n/ac, Bluetooth 5.1				
Physical Dimension					
Dimension (W x D x H)	362 x 237 x 357 (mm) / 14.2 x 9.3 x 14.0 (inch)				
Weight	4.5 kg / 9.9 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	6.7 kg / 14.7 lb				
Environment					
Power Supply	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)



Specification

S-250AL

System	
Processor	12th Generation Intel® Core™ Processors Core i3-1215U / Core i5-1235U / Core i7-1255U (Fanless)
Chipset / BIOS	Intel® Alder Lake SoC / AMI UEFI
Storage	2.5" SATA III SSD 128GB (Max. 512GB, optional)
Memory	4GB SO-DIMM DDR4 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
OS	Windows 10 IoT Enterprise(64bit), Windows 11 IoT Enterprise(64bit)
Display	
Primary Display Type	15" LED Backlight (1024 x 768 Resolution)
Touch	PCAP 10 Point Multi-touch
I/O Interfaces	
Rear Top & Bottom Ports	
USB	7 (USB 2.0/Rear Top x 2, USB 2.0/RJ11 x 1, USB 3.0/Rear Bottom x 4)
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Dallas Reader	Dallas Reader(i-button): 6 characters / prefix and suffix
Wireless	802.11 b/g/n/ac, Bluetooth 5.1
Physical Dimension	
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