

PRIMELCO 
SYSTEM DEVICE

21.5" K739N3




K739N3 series

Ultra Slim Panel PC



Unleash Power and Versatility

Powered by Intel® Alder Lake-N and Meteor Lake platforms, K739N3 delivers enhanced performance and energy efficiency. With seamless compatibility across Windows, Linux, and Android 13, it ensures adaptable and reliable operation for a wide range of applications.

G35 Motherboard	G75U Motherboard
Intel® Alder Lake-N N97, i3-N305	Intel® Meteor Lake Core Ultra 5 125U
<div><div> Windows</div><div> Linux</div><div> Android</div></div>	

Flexible Display Options for Diverse Workspaces

K739N3 Series is available in two practical sizes: 18.5" and 21.5", giving you the flexibility to choose the ideal display for your workspace. Whether you're looking for a streamlined mid-sized option or a larger screen to enhance visibility and productivity, the K739N3 Series meets a variety of operational needs.



K738N3

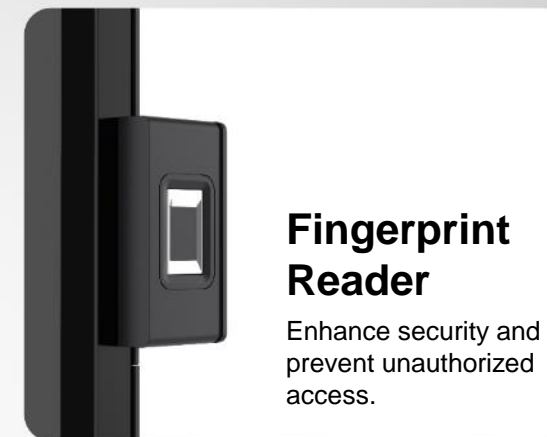
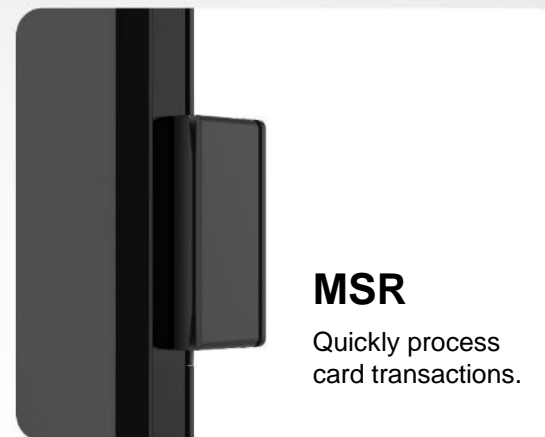
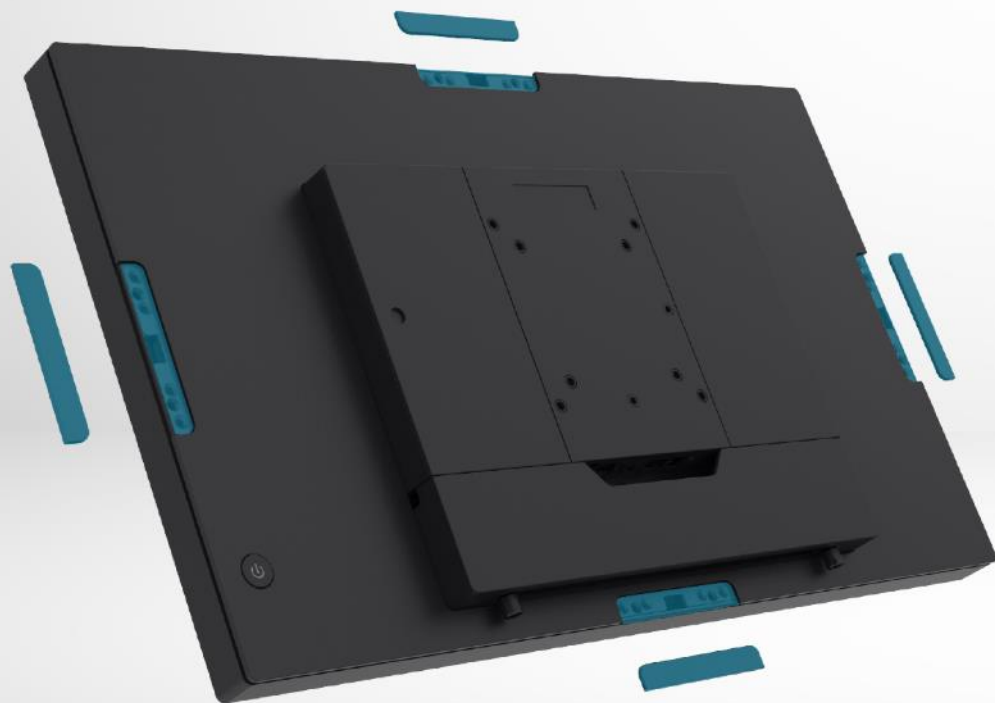


K739N3

Flexible Peripheral Integration

Customize your setup with expansion peripherals tailored to your operational needs. Designed for maximum flexibility, the K739N3 supports peripheral mounting on all four sides, ensuring seamless integration into any workspace layout while meeting your specific business requirements.

Note: Bottom-side peripheral integration is not supported on the 18.5" K738N3.



Modular Design for Maximum Service Efficiency

The modular design streamlines servicing and reduces downtime. Its core system is housed in a compact, removable box, allowing quick maintenance or replacement without disassembling the entire unit. This approach speeds up repairs, simplifies upgrades, and keeps operations running efficiently.



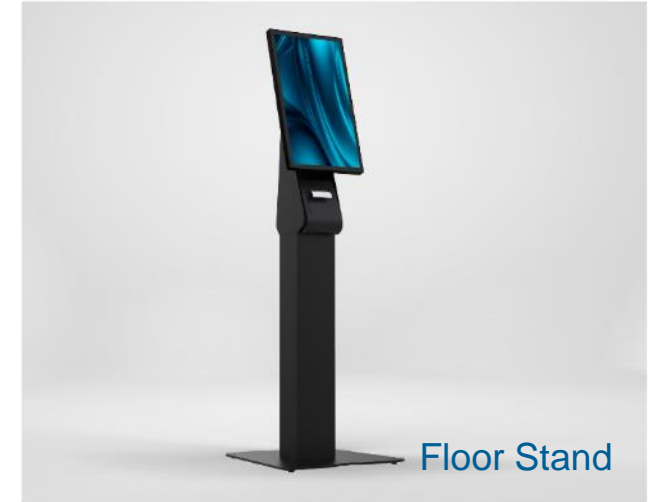
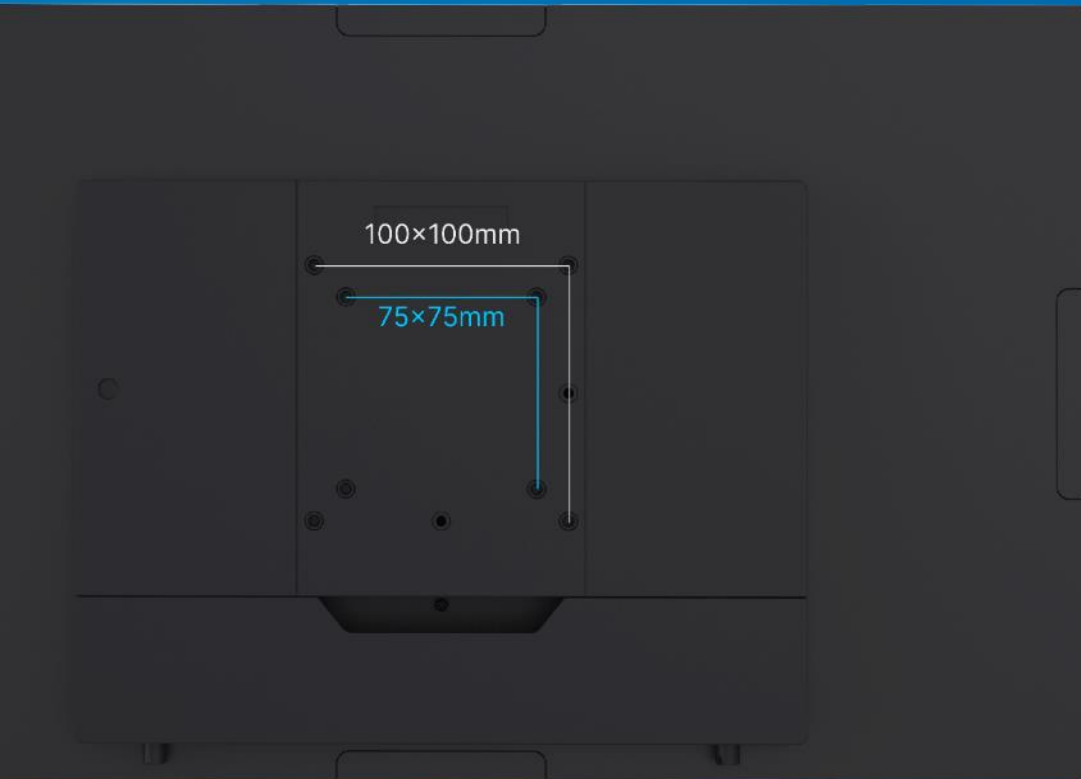
Simplify Maintenance with Rear Access Storage

A convenient rear service door enables quick access for maintenance and storage replacement, streamlining service tasks. Users can easily reach the internal storage without removing the entire back cover, saving time and minimizing disruption.



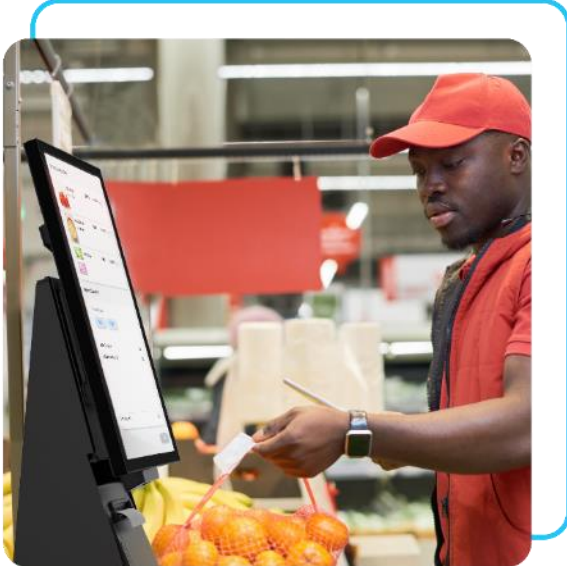
Mount and Deploy with Maximum Flexibility

Optimize your workspace with flexible installation options designed to suit your needs. Whether wall-mounted, configured as a self-service kiosk with a printer stand, or placed on a floor stand, the K739N3 Series provides a versatile solution for a wide range of deployment scenarios



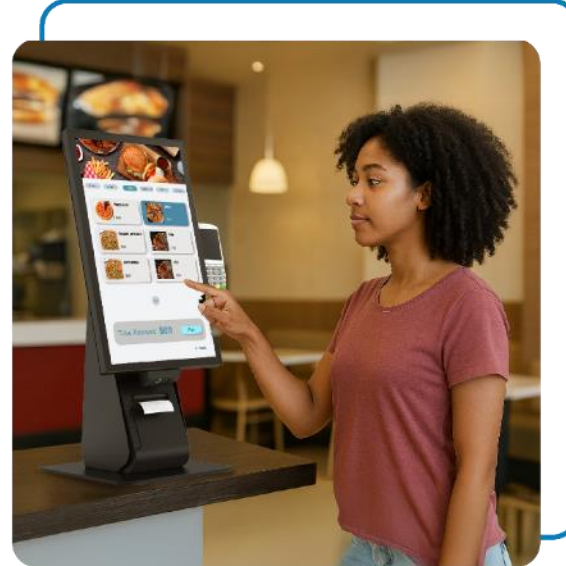
Built for Versatility Across Industries

Designed for adaptability, the K739N3 Series Panel PC delivers reliable performance across a variety of industries, including retail, hospitality, manufacturing, and healthcare. It's an ideal choice for businesses operating in diverse environments.



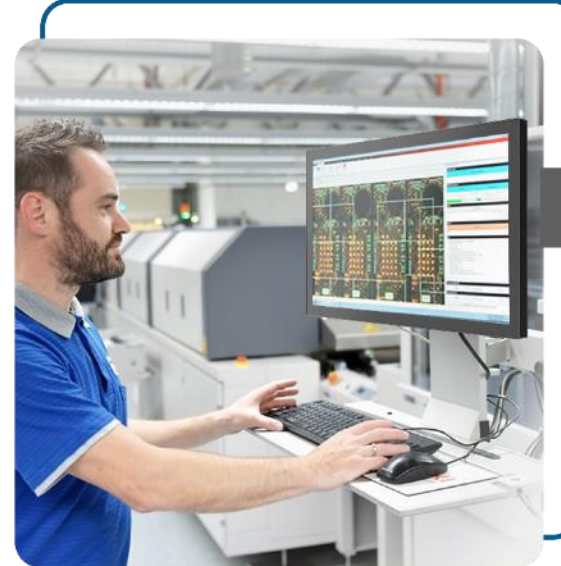
Retail

- Self-Checkout Kiosk
- Digital Signage
- Price Checker



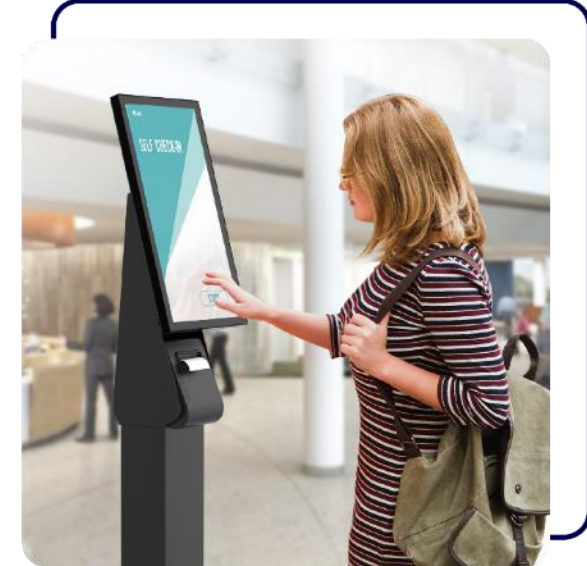
Hospitality

- Self-Ordering Kiosk
- Digital Signage



Manufacturing

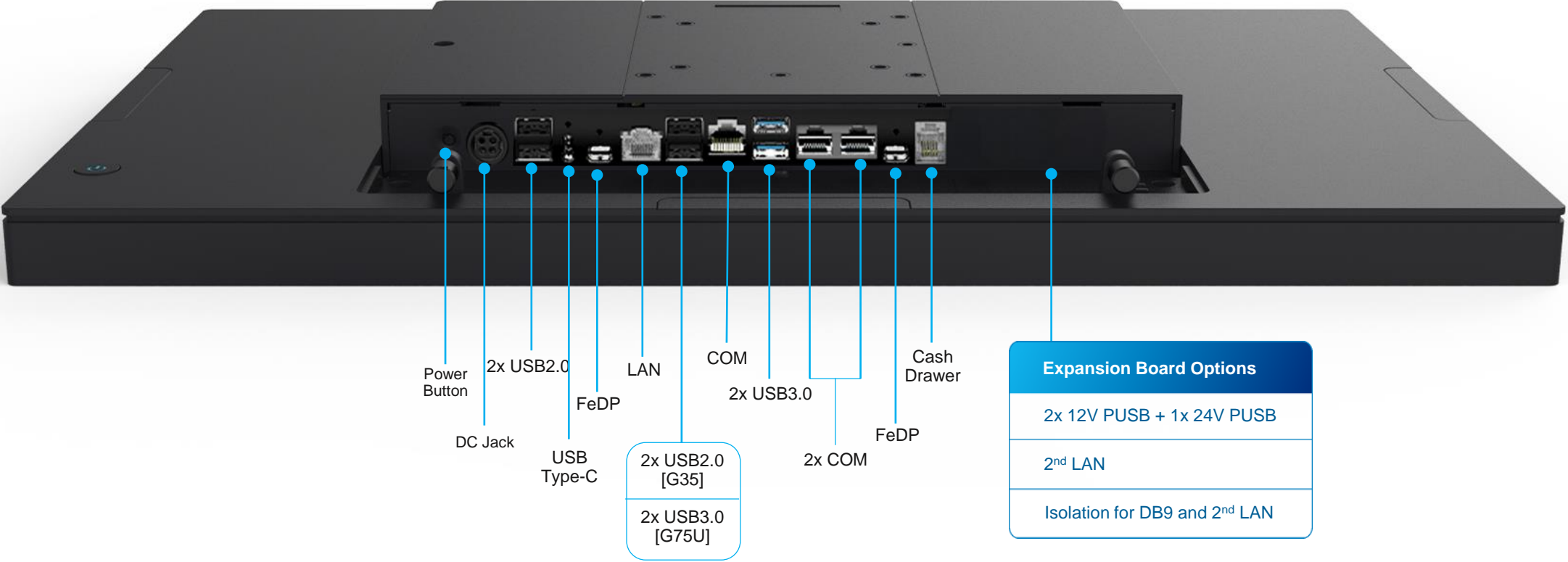
- HMI Panel PC
- Digital Signage



Healthcare

- Patient Check-in Kiosk
- Digital Signage

I/O Ports



Specifications

System	Motherboard	G35		G75U	
	Processor	Intel® Alder Lake-N N97, i3-N305		Intel® Meteor Lake Core Ultra 5 125U	
	Memory	8GB DDR4 (up to 16GB)		8GB DDR5 (up to 16GB)	
	Storage	128GB SSD M.2 (up to 256GB)			
Display	Size and Resolution	K738N3: 18.5“ 1920 x 1080 K739N3: 21.5“ 1920 x 1080			
	Touch Screen	True-Flat PCAP multi-touch			
I/O Ports	USB Type-A	2x USB3.0, 4x USB2.0		4x USB3.0, 2x USB2.0	
	USB Type-C	1x USB3.0 full-functioned (DP/PD 5V/3A, 12V/3A)			
	FeDP	2x Flytech proprietary miniDP (1 for the main display, 1 for the 2nd display)			
	Serial Port	3x RJ48 (standard RS232) (default 0V; 5V,12V)			
	LAN	1x RJ45			
	Cash Drawer	1x RJ11			
	DC Jack	1x 4PIN (with latch)			
	Power Button	1			
	Powered USB	2x 12V PUSB, 1x 24V PUSB			
	Expansion I/O Ports (Option)	Secondary LAN	1x RJ45		
Isolation		1x DB9, 1x RJ45			
Audio	Speaker	1x 3W			
Power	Power Adapter	65W/19V (120W/19V with PUSB12V & 24V)		120W/19V	
Communication	WLAN+BT	Wi-Fi 6 + BT 5.2 (Option)			
Peripheral (Option)	Camera	5MP Camera w/ microphone (USB)			
	MSR	3-Track MSR (USB)			
	Fingerprint	Fingerprint Reader (USB)			
	NFC	NFC Reader (USB)			
	Scanner	2D Scanner (USB)			
	Light Bar	Light Bar Module (USB)			
	PIN Pad	Supported Verifone® P400/VX805/VX820, Ingenico iPP 350/320, LANE 3000			
	Cable	Converter cable for FeDP to VGA / Converter cable for FeDP to HDMI			
	Stand	POS Stand / Printer Stand / Floor Stand			
	Printer Kit	Epson® TM-m30/TM-T88VI, Star TSP-654/TSP-100/mc-Print3, Xprinter XP-R330H			
Certificate	EMC & Safety	FCC Class A, CE Mark Class A, LVD			
Environment	Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)			
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)			
	Humidity	20% ~ 85% RH non-condensing			
Dimensions	W x H x D	K738N3: 453 x 273 x 50.2 mm (17.8" x 10.8" x 2") K739N3: 518 x 310 x 49.3 mm (20.4" x 12.2" x 1.9")			
Mounting	VESA Mount	75 x 75 mm / 100 x 100 mm			
OS Supported		Windows 10 IoT Enterprise, Linux, Android 13.0			

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