Unleash Power and Versatility

AIO-455N3 is powered by the Intel® Alder Lake-N platform, offering enhanced performance and energy efficiency for demanding retail and hospitality environments. Its seamless compatibility with Windows, Linux, and Android 13 ensures maximum flexibility for diverse application scenarios.

Durable Display & Robust Build

AIO-455N3 features a 15.1" display with an IP54-rated front panel that resists dust, splashes, and daily wear, making it ideal for demanding environments. Its die-cast display back cover and stand provide enhanced durability, ensuring long-lasting performance in high-traffic retail and hospitality settings.

15.1"

PSD

Better Checkout with Dual Display

AIO-455N3 supports an optional 11.6" customer-facing display for enhanced engagement at checkout. Use it to display order information, promotions, or digital signatures, improving transparency, interaction, and the overall customer experience in modern retail and hospitality environments.

PRIMELCO
SYSTEM DEVICE

PSD

Maximize Operational Efficiency

AIO-455N3 supports a wide range of peripherals that can be easily mounted on both the left and right sides of the display, allowing seamless integration and expanded functionality. This modular flexibility enables tailored configurations to meet diverse operational needs and streamline front-end workflows.
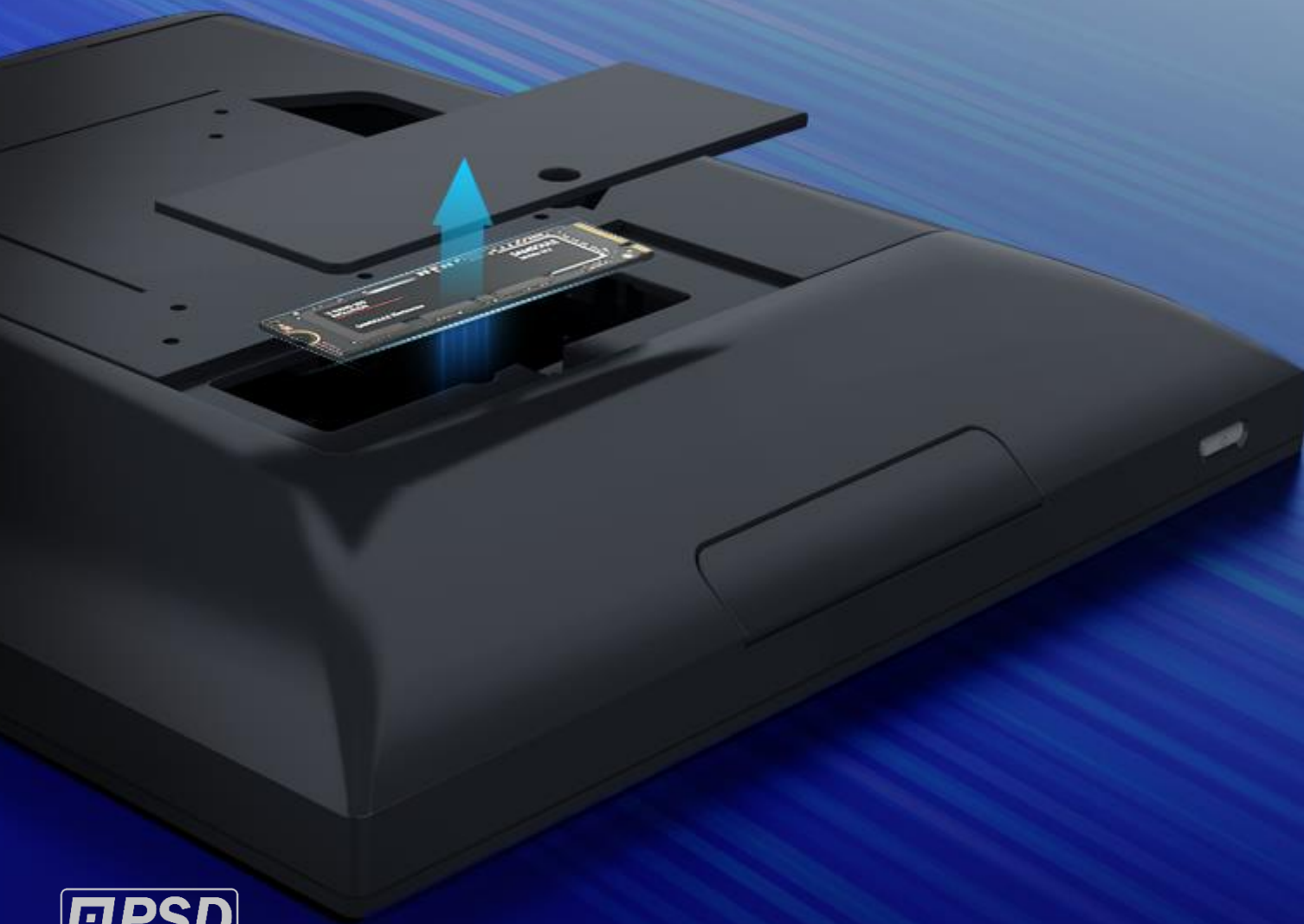
MSR   Fingerprint   Scanner   NFC

Modular Core Design for Maximum Uptime

AIO-455N3 features a modular design that simplifies servicing and reduces downtime. Its core system is housed in a compact, removable box, allowing quick swaps for maintenance or upgrades without disassembling the entire unit. This design ensures faster repairs, streamlined replacements, and more efficient preparation of spare modules to keep operations running smoothly.
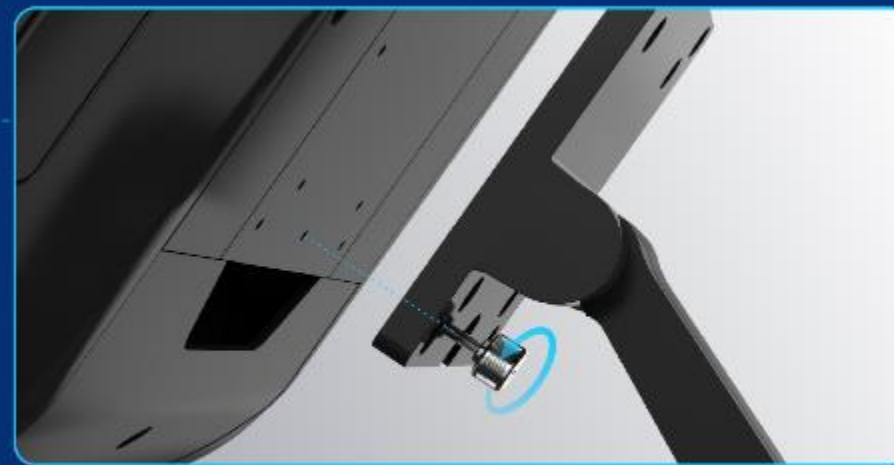
Quick Access for Easy Maintenance

The rear service door design allows quick and tool-free access to the SSD, simplifying maintenance and reducing service time. This service-oriented design enhances field serviceability, minimizes system downtime, and ensures smoother operations in demanding retail and hospitality environments.
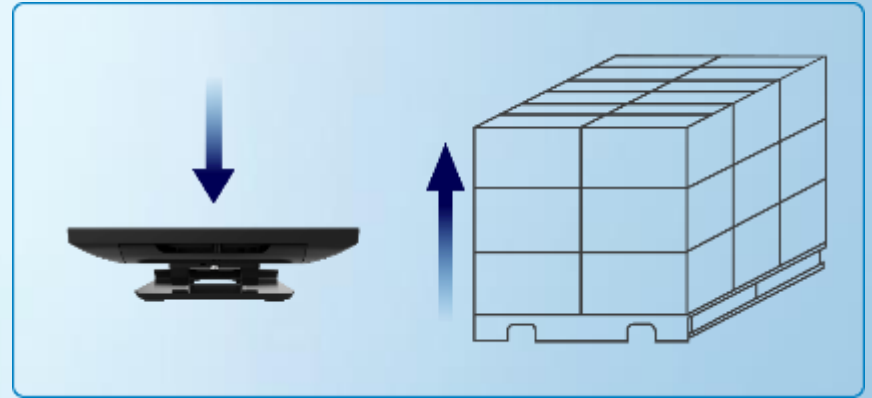
⊡PSD

Easy Stand Removal for Quick Service

The stand is secured with a convenient thumbscrew design, allowing it to be detached quickly and easily without the need for tools. This streamlined, tool-free approach reduces maintenance time and simplifies both servicing and component replacement.
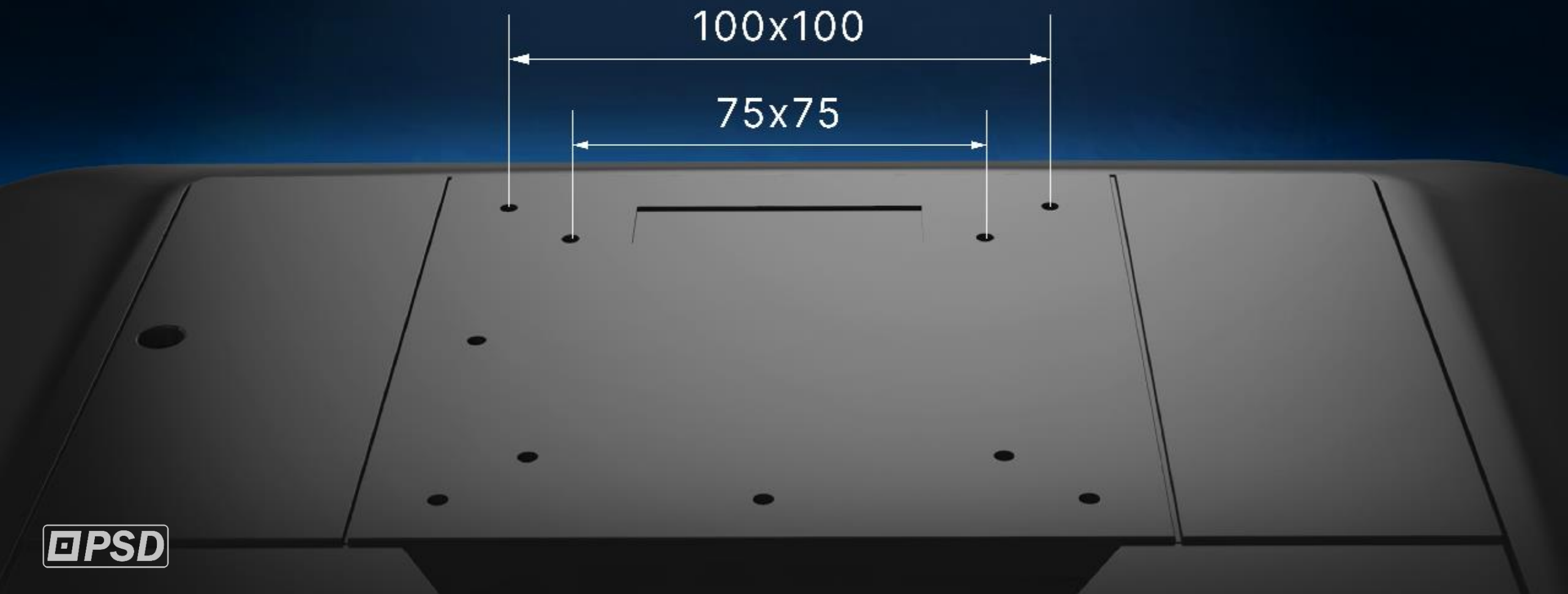
⊡PSD

Foldable Stand for Easy Setup

AIO-455N3 features a foldable stand that allows the entire system to fold into a compact form, optimizing packaging space during shipping. It also provides easy height and angle adjustments, making it adaptable to different counter heights and viewing preferences in various retail and hospitality settings.
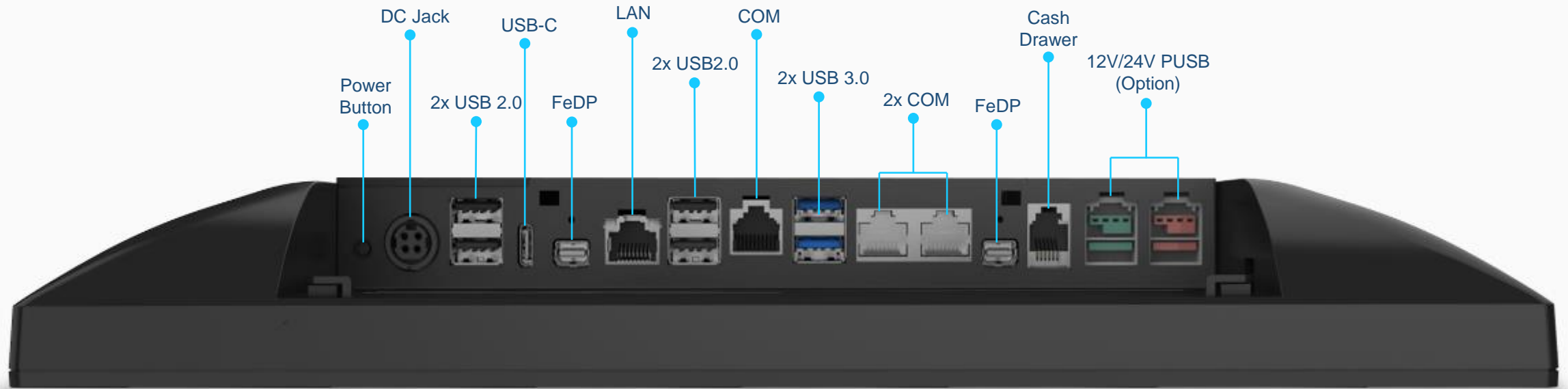
PSD

VESA-Compatible for Flexible Mounting

POS455N3 supports both 75x75 and 100x100 VESA mounting standards on the back, enabling compatibility with both wall mounts and a wide range of stand configurations.

100x100

75x75

I/O Ports

Power Button · DC Jack · 2x USB 2.0 · USB-C · FeDP · LAN · 2x USB2.0 · COM · 2x USB 3.0 · 2x COM · FeDP · Cash Drawer · 12V/24V PUSB (Option)

◻ **PSD**

Specifications

		G35
System	Motherboard	G35
	Processor	Intel® Alder Lake N: N97, i3-N305
	Memory	8GB DDR4 (up to 16GB)
	Storage	128GB SSD M.2 (up to 256GB)
Display	Size and Resolution	15.1" 1024x768
	Touch Screen	True-Flat PCAP multi-touch
I/O Ports	USB Type-A	2x USB3.0 4x USB2.0
	USB Type-C	1x USB3.0 full-functioned (DP/PD 5V/3A, 12V/3A)
	FeDP	2x Flytech proprietary miniDP (1x for main display, 1x for 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)
Optional I/O Ports	Powered USB	1x Powered USB 12V 1x Powered USB 24V
Audio	Internal Speaker	1x 3W (Option)
Indicator	Power Button	1
Power	Power Adapter	65W/19V (120W/19V with 1x PUSB 12V & 1x PUSB 24V)
Communication	WLAN + BT	802.11 series + BT5.2 (Option)
Peripheral (option)	MSR	3-Track MSR (USB)
	Fingerprint	Fingerprint Reader (USB)
	NFC	NFC Reader (USB) *(*project-based)*
	2D Scanner	2D Scanner (USB) *(*project-based)*
	Customer Display	LCM display 2 x 20 characters (USB)
	2nd Display	11.6" 2nd Display (with touch) 11.6" 2nd Display (without touch)
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD
Environment	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	20% ~ 85% RH non-condensing
Dimensions	W x H x D	369 x 277 x 203 mm (14.2" x 10.9" x 8.0")
Mounting	VESA Mount	75 x 75, 100 x 100
OS Supported		Windows 10 IoT Enterprise, Linux, Android 13.0

※ Product specifications and data are subject to change without notice.

AIO-455N3

Versatile 15.1" All-in-One POS Solution