FLYTECH

PRIMELCO
SYSTEM DEVICE

AIO-458

18.5" Widescreen POS Solution

PSD

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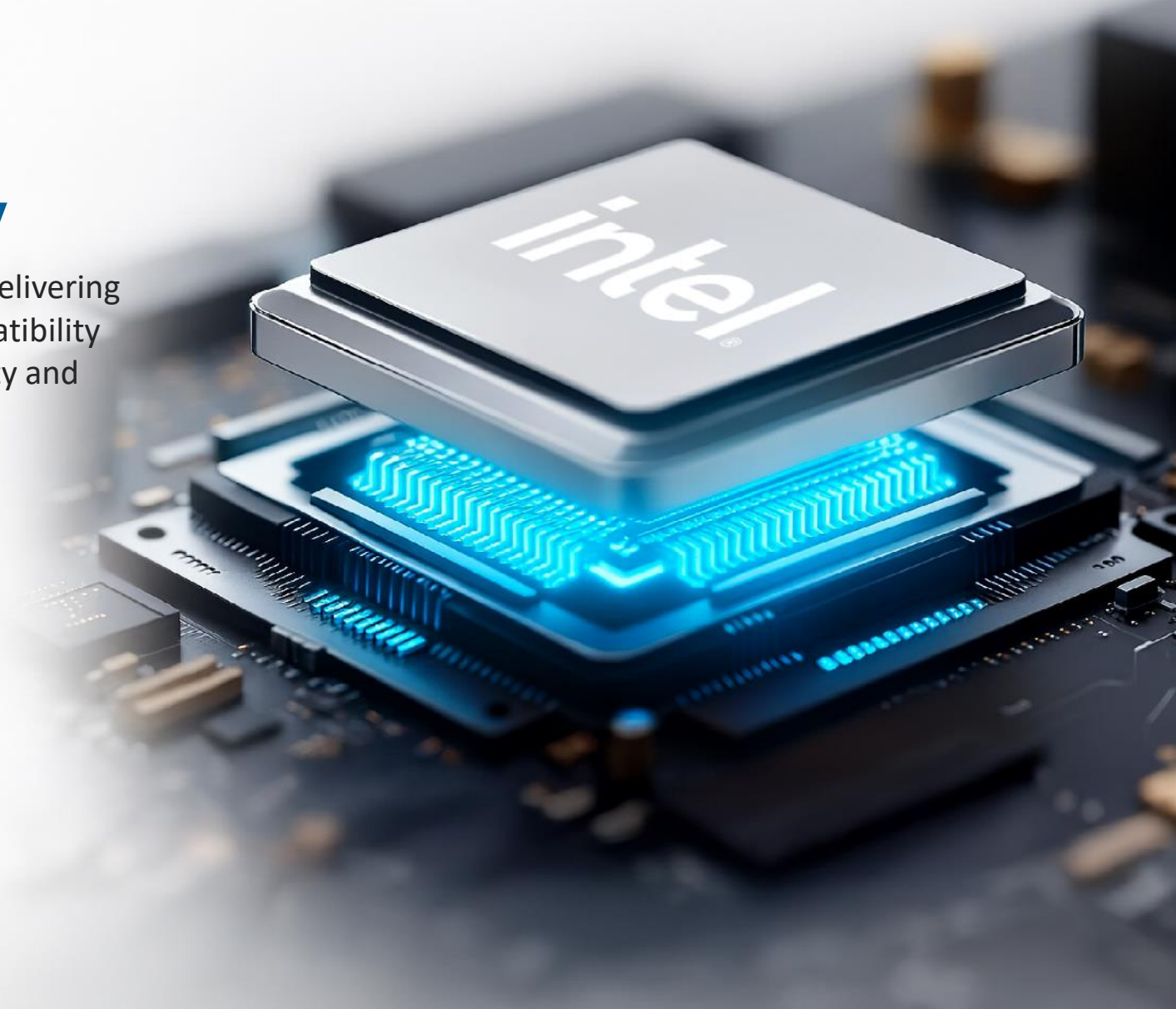
Unleash Power and Versatility

AIO-458 features the latest Intel® Alder Lake-N platform, delivering superior performance and efficiency. With seamless compatibility across Windows, Linux, and Android 13, it ensures flexibility and reliability for all your operational needs.

Windows | Linux | Android



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Larger Screen for Easy Operation

With an 18.5” wide touchscreen (16:9 ratio), it offers a more intuitive user experience and high-quality images that fully realize the visual effects you require.

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Maximize Operational Efficiency

AIO-458 offers a wide range of peripherals that can be easily mounted on the left/right sides of the display. Enjoy seamless integration and enhanced functionality, creating a personalized solution that empowers your business and elevates the customer experience.

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Simpler Maintenance

Effortlessly access the RAM and SSD by simply removing the back cover, ensuring easy field serviceability. This design minimizes downtime and allows for quick upgrades, making it easier to maintain optimal performance.

Streamline Maintenance Process

Minimize Downtime

Smooth Operations

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Unlock More Possibilities

Experience flexible transformation between desktop POS, wall-mounted KDS (Kitchen Display System), and self-service kiosks in both retail and hospitality environments.

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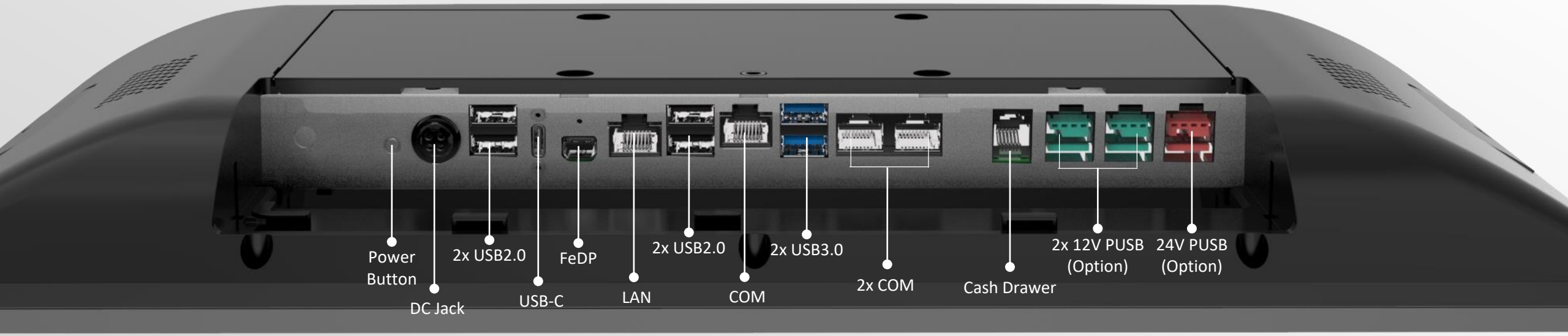
I/O Ports



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Specifications

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)
Expansion	M.2 (E Key)	1
Display	Size and Resolution	18.5" 1366x768
	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	1x Flytech proprietary miniDP
	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	2x 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 2x 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	460 x 277 x 203 mm (18.1" x 10.9" x 8")
Mounting	VESA Mount	100 x 100
OS Supported		Windows 10 IoT Enterprise, Linux, Android 13.0

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

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