# AIO-618N4

17.3" Ultra-Narrow Bezel Touch POS Solution

PRIMELCO
SYSTEM DEVICE

PSD

# Unleash Power and Versatility

Powered by Intel® Alder Lake-N and Meteor Lake processors, the AIO-618N4 delivers exceptional performance and energy efficiency. With support for Windows, Linux, and Android 13 operating systems, it ensures maximum flexibility and compatibility for all your operational needs.



intel CORE 3

intel CORE ULTRA 5

Windows | Linux | Android

5.5mm

17.3"
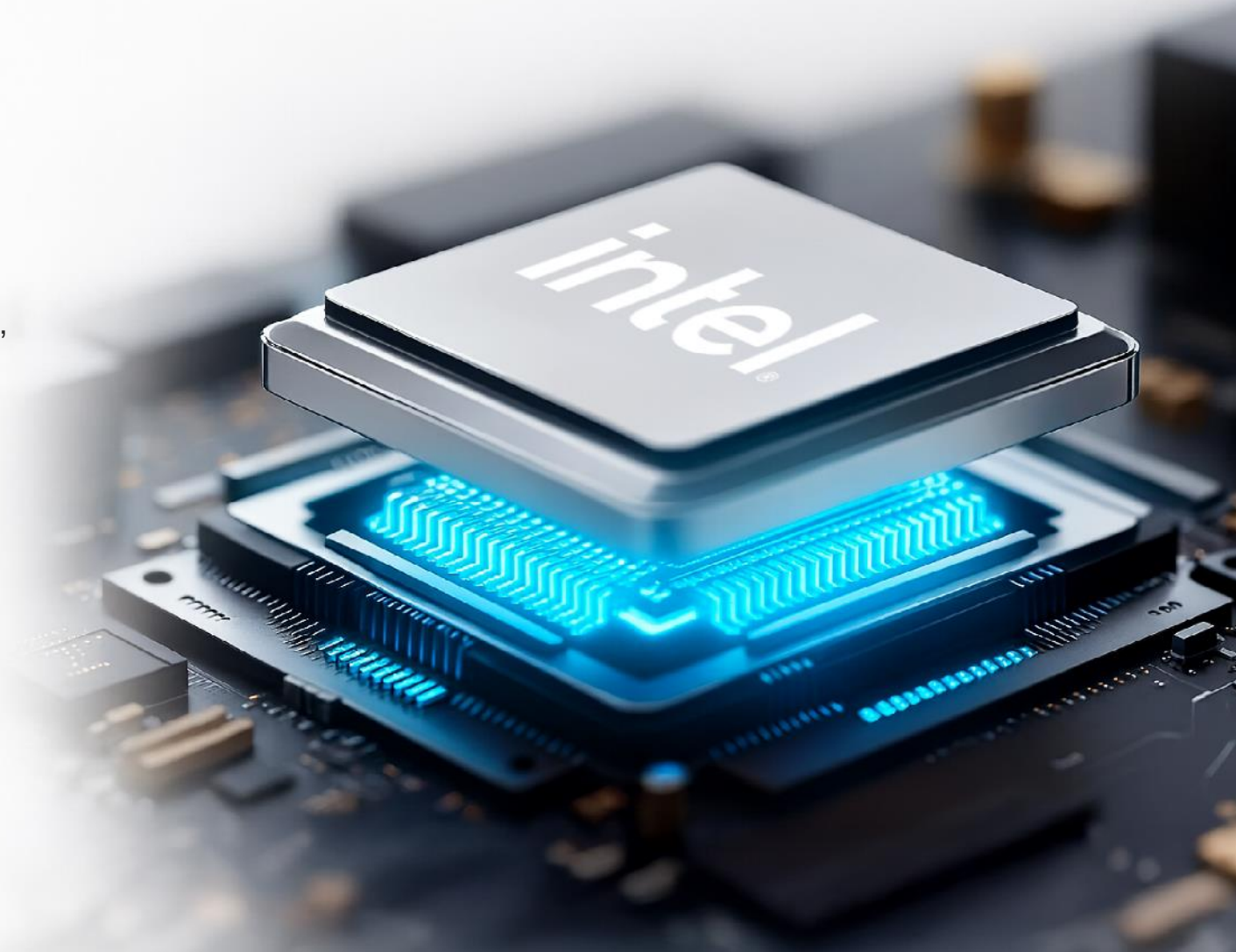
# More Screen. Less Bezel

AIO-618N4 features a 17.3" display with an ultra-narrow 5.5 mm touch bezel. It delivers a sleek, modern appearance while providing a larger, more comfortable screen area, making it ideal for high-volume retail and F&B operations.

| Feature | 15.6" AIO-617N4 | 17.3" AIO-618N4 |
|---|---|---|
| Screen Size | Compact and functional | Larger for enhanced usability |
| Touch Edge | 3.95 mm ultra-narrow edge | 5.5 mm slim edge |
| Visual Experience | Clear and focused | Wider view for better readability |
| Ideal For | Retail and F&B use | High-traffic and multitasking operations |
| Design Style | Sleek and modern | Premium widescreen look |

# Swivel Flexibility for Seamless Interaction

AIO-618N4 features a swivel stand with smooth 180-degree dual-direction rotation, offering flexibility for both staff and customers. It enhances ergonomics, efficiency, and face-to-face interaction by removing viewing angle limitations.

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73°
0°
73°

25°
73°

Left : 180°       Right : 180°

PSD

# Designed for Serviceability

The modular motherboard box design enables effortless access for quick system maintenance, with no special tools required. This streamlined approach not only reduces service time but also empowers businesses to scale performance with ease while ensuring long-term flexibility and future-ready adaptability.

# Drive Customer Engagement at Checkout

Enhance the customer experience by displaying promotions and providing real-time order confirmation using the 11.6" second display or LCM display options, ideal for restaurants, cafés, and retail environments.

# Expand Functionality with Ease

AIO-618N4 supports a versatile range of peripherals that can be seamlessly mounted on both the left and right sides of the display, enabling flexible configurations and enhanced functionality. Customize your setup to suit your workflow and elevate operational efficiency.

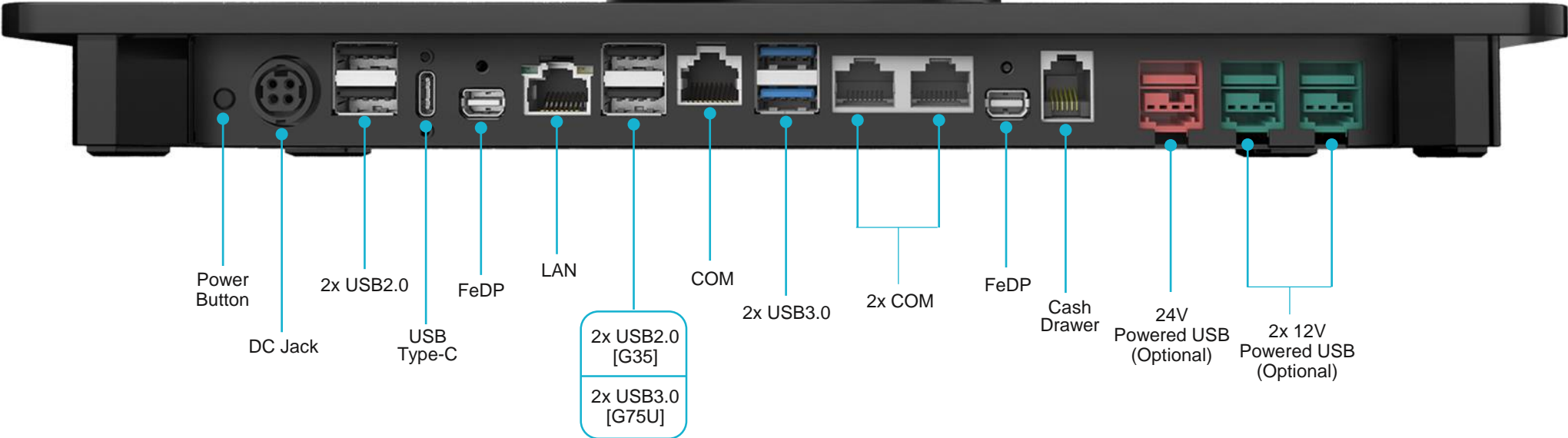**2D Scanner**   **NFC**   **MSR**   **Fingerprint Reader**   **iButton**

# Elegant Finishes to Match Your Style

Choose the finish that best complements your store design and brand identity. The Black option offers a polished, premium presence, while the Silver finish brings a clean, modern aesthetic. Both are designed to integrate seamlessly into a variety of point-of-sale environments, delivering a professional and branded look across your space.

# I/O Ports

Power Button

DC Jack

2x USB2.0

USB Type-C

FeDP

LAN

2x USB2.0 [G35]

2x USB3.0 [G75U]

COM

2x USB3.0

2x COM

FeDP

Cash Drawer

24V Powered USB (Optional)

2x 12V Powered USB (Optional)

PSD

## 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) | |
| Expansion | M.2 (M Key) | 1 | |
| Display | Size and Resolution | 17.3" 1920 x 1080 | |
| | Touch Screen | True-Flat PCAP multi-touch | |
| I/O Ports | USB Type-A | 2x USB3.0<br>4x USB2.0 | 4x USB3.0<br>2x 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 | Powered USB | 2x Powered USB 12V<br>1x Powered USB 24V | |
| Audio | Internal Speaker | 1x 3W (Option) | |
| Indicator | Power Button | 1 | |
| Power | Power Adapter | 65W/19V<br>(120W/19V with 2x PUSB 12V & 1x PUSB 24V) | 120W/19V |
| Communication | WLAN + BT | 802.11 series + BT5.2 (Option) | |
| Peripheral (option) | MSR | 3-Track MSR (USB) | |
| | Fingerprint | Fingerprint Reader (USB) | |
| | iButton | iButton (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)<br>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 | 396 x 380 x 200 mm (15.6" x 15" x 7.9") | |
| OS Supported | | Windows 10 IoT Enterprise, Linux, Android 13.0 | |

※ Product specifications and data are subject to change without notice

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