

PRIMELCO 
SYSTEM DEVICE

AIO-617N4

World's Narrowest Bezel Touch POS Solution



Unleash Power and Versatility

Powered by Intel® Alder Lake-N and Meteor Lake processors, the AIO-617N4 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.



World's Narrowest Touch Bezel Technology

AIO-617N4 features a 15.6" display with the world's narrowest touch bezel at just 3.95 mm, setting a new benchmark in POS design. This ultra-thin bezel enhances visual appeal and functionality, delivering a premium user experience with a sleek, modern widescreen display.



Next-Level Swivel Functionality

AIO-617N4 is designed with an innovative swivel stand that enables smooth 180-degree rotation in both directions, offering exceptional flexibility for both staff and customers. By eliminating uncomfortable angles, it supports a more ergonomic and efficient workspace while enhancing face-to-face interactions.



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.



Dual Displays for Customer Engagement

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.



11.6" 2nd Display



LCM Display

Expand Functionality with Ease

AIO-617N4 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

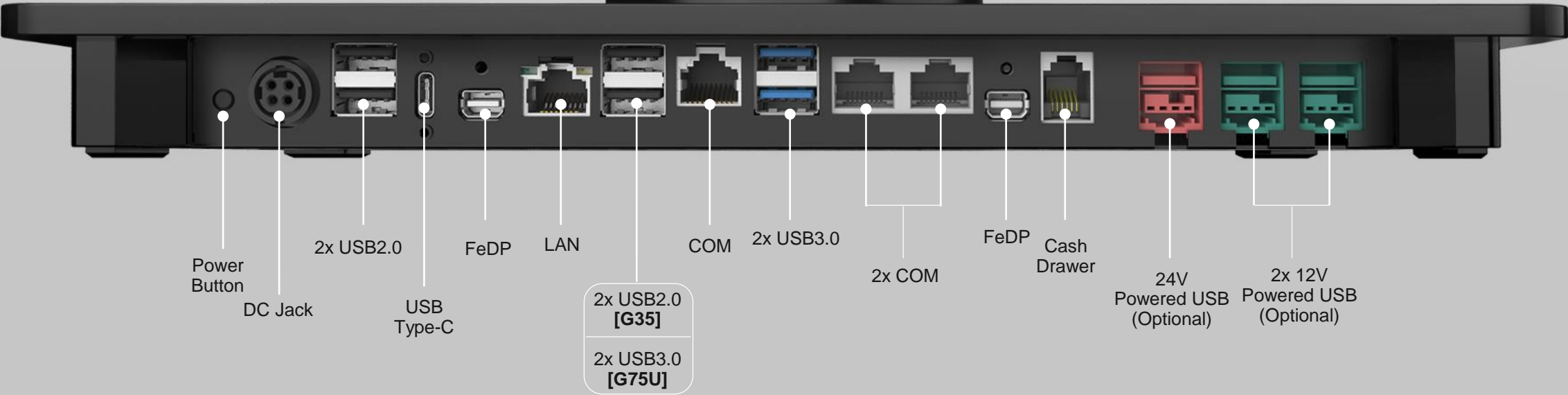


Fingerprint
Reader



iButton

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)	
Expansion	M.2 (M Key)	1	
Display	Size and Resolution	15.6" 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 (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 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)	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" 2 nd Display (with touch) 11.6" 2 nd 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)	
Dimensions	Humidity	20% ~ 85% RH non-condensing	
Weight	W x H x D	356 x 380 x 200 mm (14" x 15" x 7.9")	
OS Supported	Weight	5 kg	
		Windows 10 IoT Enterprise, Linux, Android 13.0	

※ Product specifications and data are subject to change without notice

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