

# ELEMENT CA857

15.6" POS Touch Terminal





# Unleash Power and Versatility

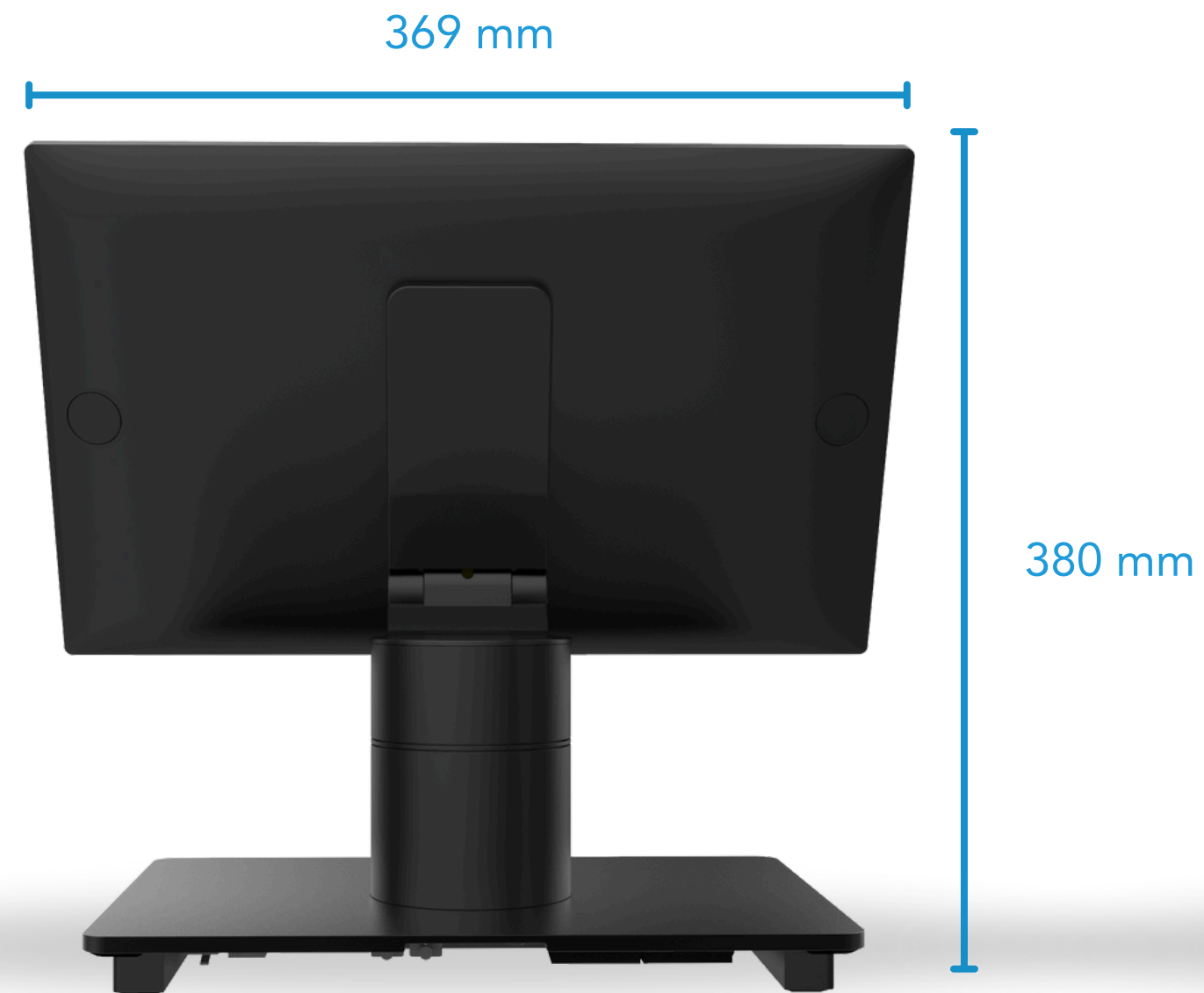
Powered by Intel® Alder Lake-N and Meteor Lake processors, the CA857 delivers exceptional performance and energy efficiency. With support for Windows, Linux, and Android 13 operating systems, it ensures maximum flexibility and compatibility for all your operational needs.

- Powered by Intel Alder Lake-N and Meteor Lake processors
- Supports Windows, Linux, and Android operating systems
- 15.6" display with the world's narrowest 3.95mm touch bezel
- 180° swivel stand design for left and right rotation
- Easy-access motherboard box for simplified service and expansion
- Flexible peripheral support for enhanced functionality





# Dimensions



# Narrow Touch Bezel

The CA857 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.

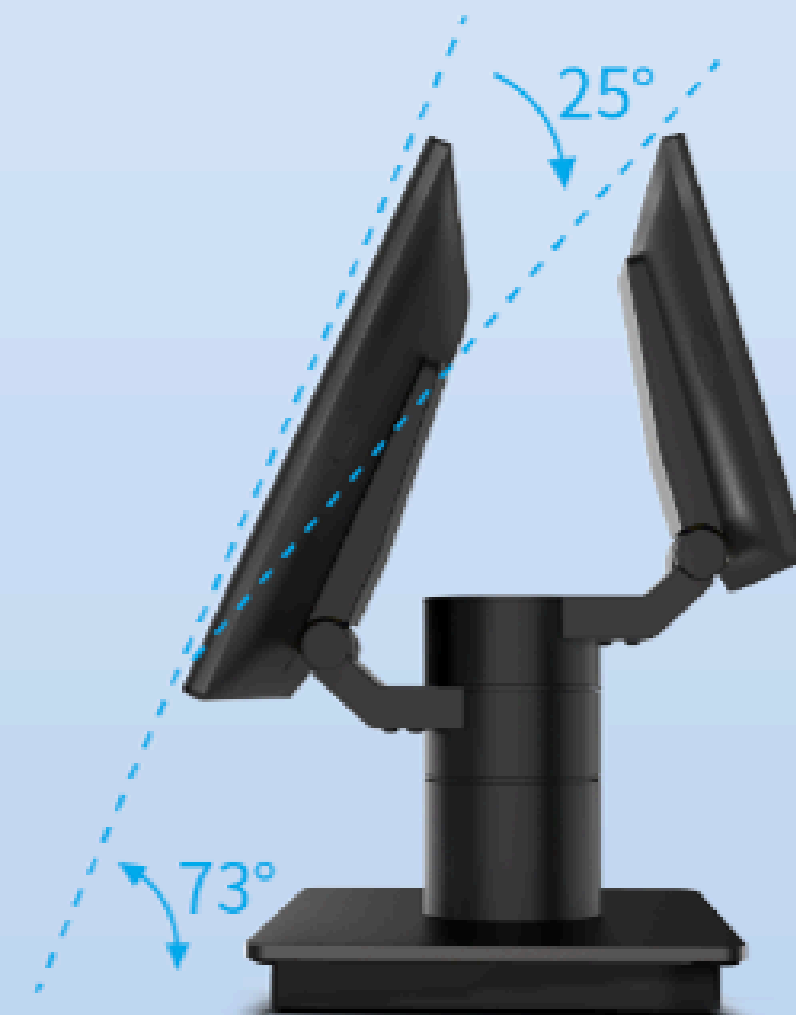
A diagram showing the top-left corner of a dark grey monitor. Two thin white lines are drawn parallel to the top and left bezels, with a double-headed arrow between them indicating the width of the bezel. The text '3.95 mm' is placed next to this arrow.

3.95 mm



# Swivel Functionality

The CA857 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.

## I/O Ports





# Dual Displays

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.





# Peripherals

The CA857 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. Customise your setup to suit your workflow and elevate operational efficiency.



2D Scanner



NFC



MSR



Fingerprint  
Reader



iButton



# Specifications

System	Motherboard	G35	G75U
	Processor	Intel® Alder Lake N: N97, i3-N305	Intel® Meteor Lake Core Ultra i5-125U
	Memory	8GB DDR4	8GB DDR5
	Storage	128GB SSD M.2	
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 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	1 x 3W (Option)	
Indicator	Power Button	1	
Power	Power Adapter	65W/19V (120W/19V with 2x PUSB12V & 1x PUSB 24V)	120W/19V
Communication	WLAN + BT	802.11 series + BT5.2 (Option)	



# Specifications

Peripheral (option)	MSR	3-Track MSR (USB)
	Fingerprint	Fingerprint Reader (USB)
	iButton	iButton (USB)
	NFC	NFC Reader (USB) <i>(*project-based)</i>
	2D Scanner	2D Scanner (USB) (*project-based)
	Customer Display	LCM display 2 x 20 characters (USB)
	2 <sup>nd</sup> 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 380 x 200 mm (14.5" x 15" x 7.9")
Weight		5 kg
OS Supported		Windows 11 IoT Enterprise, Linux, Android 13.0





element™

DESIGN - QUALITY - PURPOSE

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