

**PRIMELCO**   
SYSTEM DEVICE



**POS455**

An Ideal AIO POS Hardware Solution



Intel® Elkhart Lake  
Intel® Tiger Lake



Ventless Design



IP54  
Splashproof &  
Dustproof



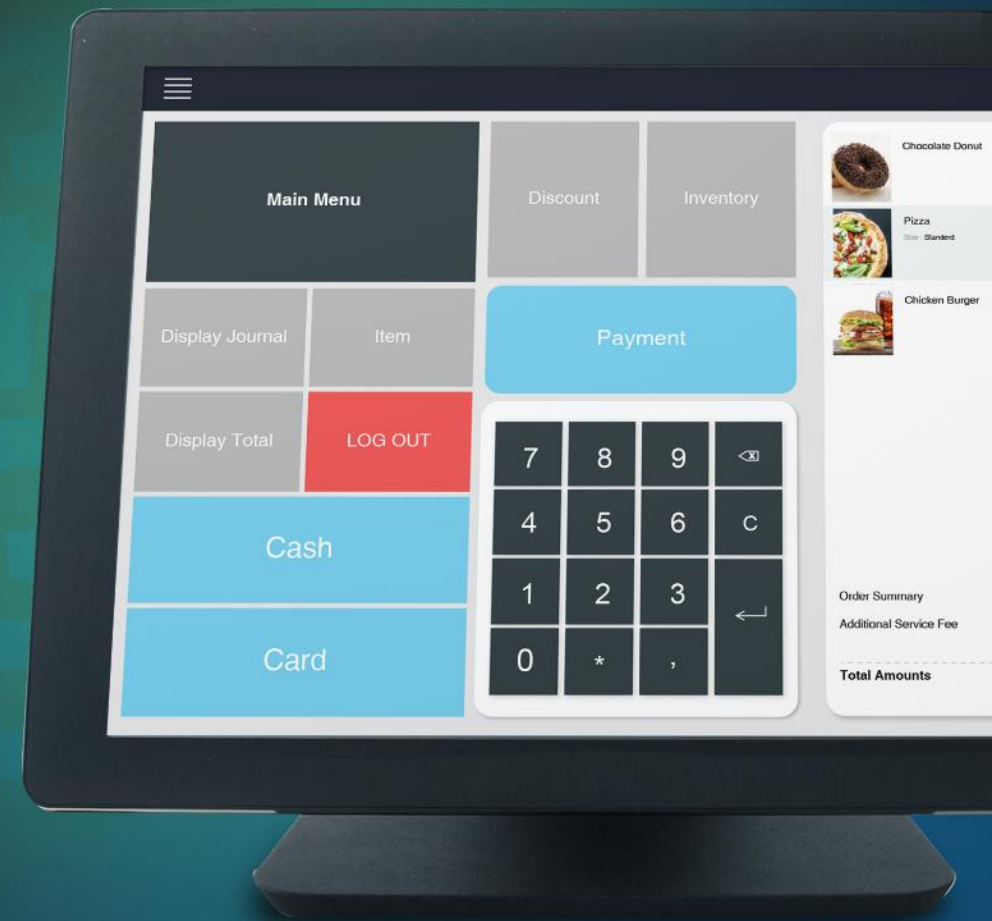
Hidden Cable



Modular Design



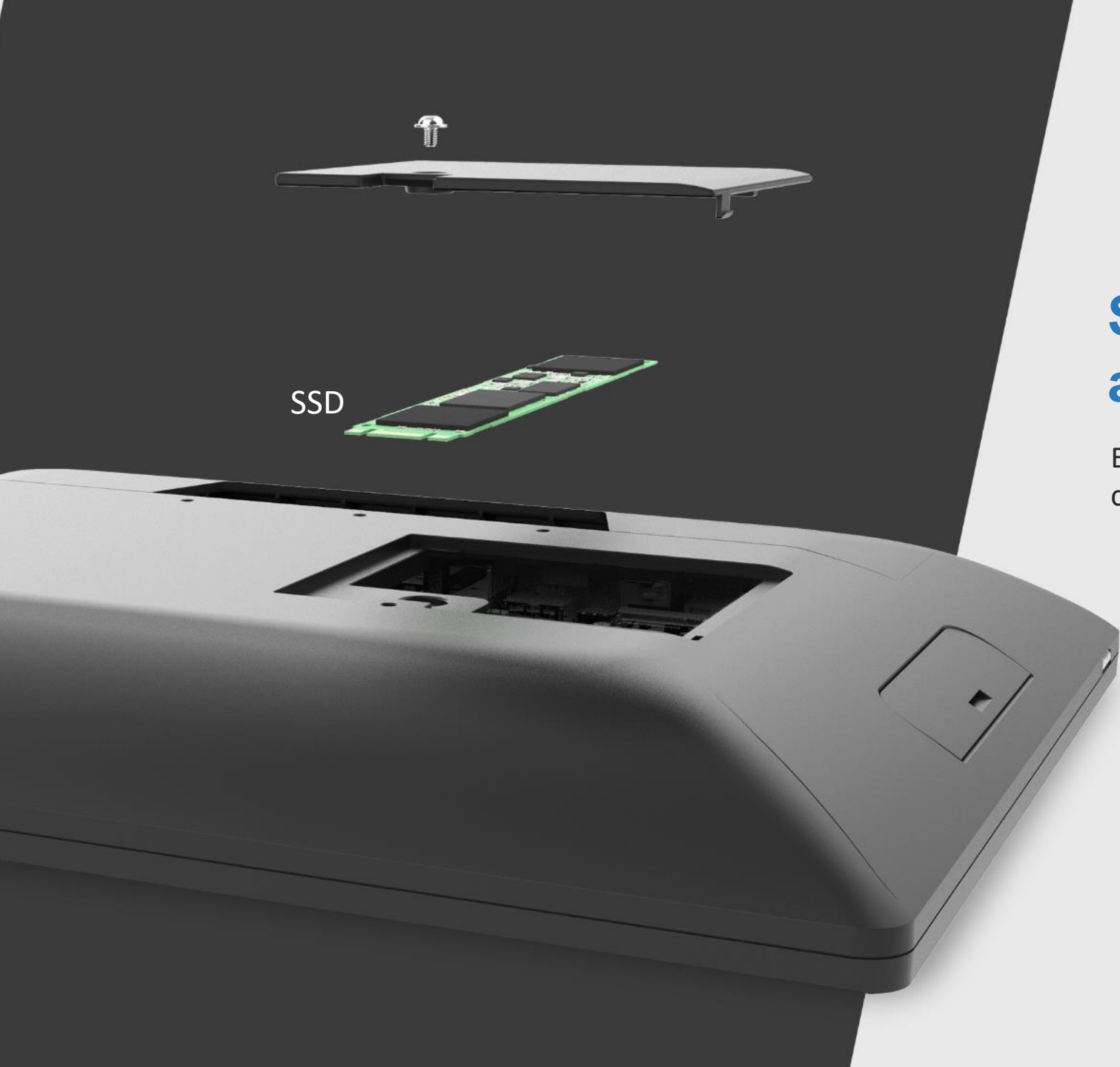
11.6"  
2<sup>nd</sup> Display



## Efficient Space Management

Adjustable angle and foldable stand provide better and efficient space management.



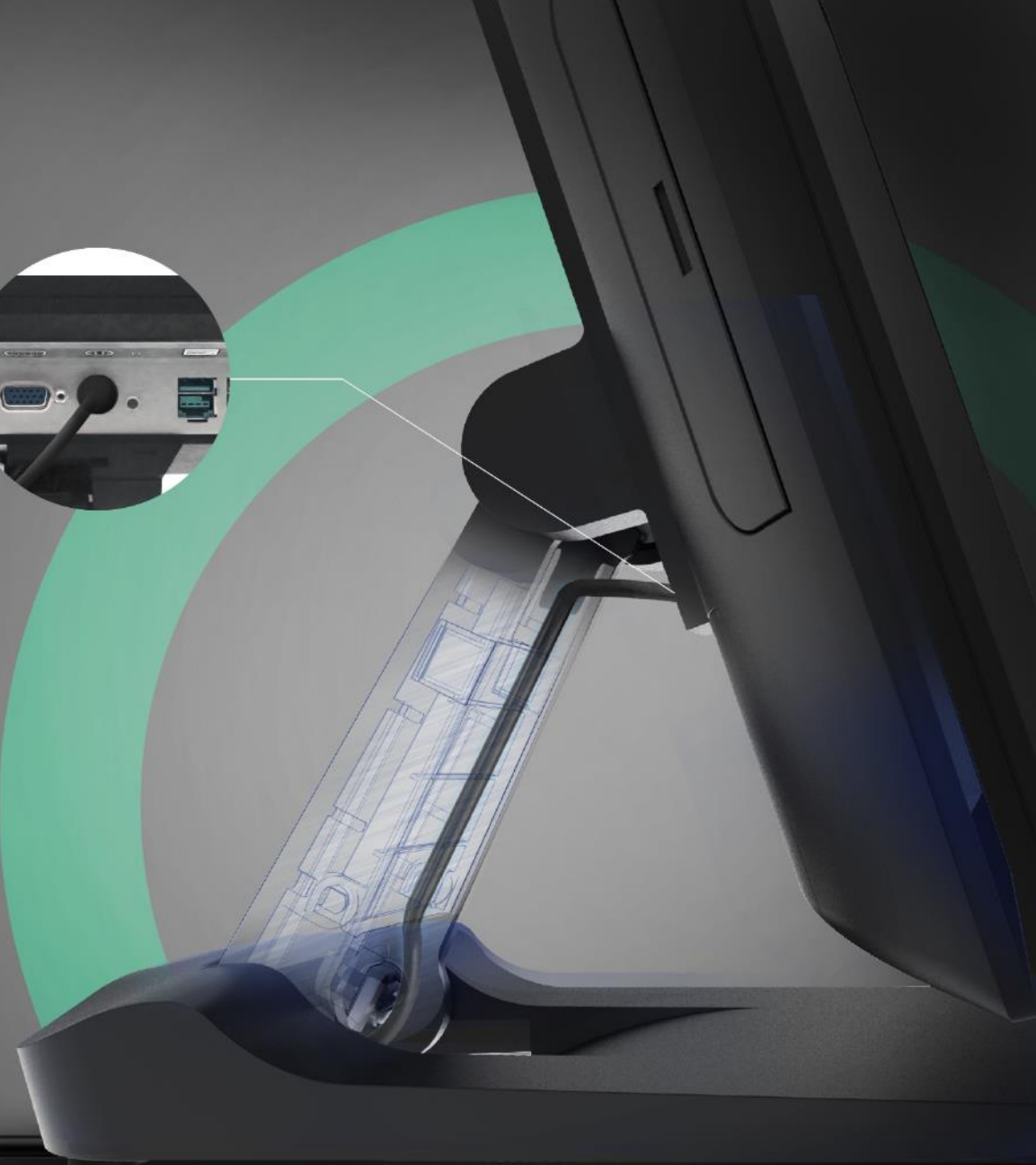


## Streamlined Maintenance and Serviceability

Effortlessly access the SSD by detaching the rear service cover, providing straightforward on-site servicing.

## Enhanced User-Centered Design

Intelligent cable management provides a tidy workspace and unparalleled serviceability.



# Superior Expandability

Modularized peripheral design delivers high interchangeability to meet various needs.

11.6" 2<sup>nd</sup> Display



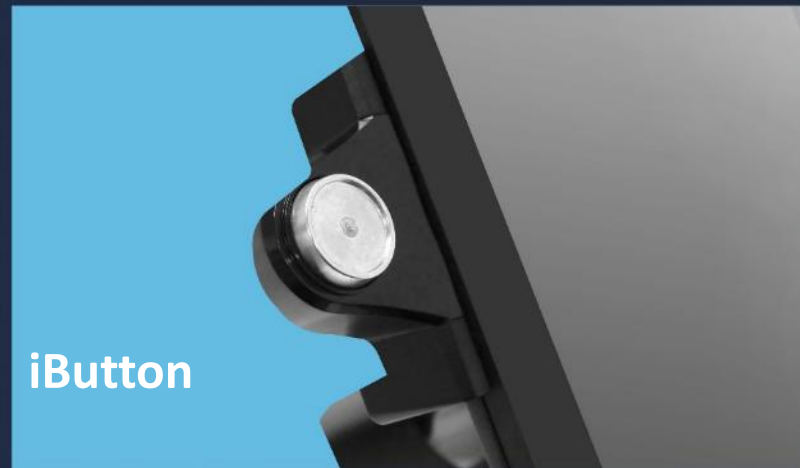
Fingerprint



MSR



iButton



Customer Display



# Multiple Configurations

Flexible transformation to be mounted from desktop to wall-mounted in both hospitality and retail environments.

1



Wall-Mounted

2



Foldable Stand

3



Pole-Mounted

# Specifications

	Motherboard	F35	F85U
<b>System</b>	Processor	Intel® Elkhart Lake Celeron J6412	Intel® Tiger Lake i3-1115G4E
	Memory	1x DDR4 up to 8GB	1x DDR4 up to 8GB
	Storage	128GB SSD (M.2)	128GB SSD (M.2)
	Size and Resolution	15.1" 1024x768	15.1" 1024x768
<b>Display</b>	Touch Screen	True-Flat PCAP multi-touch	True-Flat PCAP multi-touch
<b>Expansion</b>	M.2 (E Key)	1	1
<b>I/O Ports</b>	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)	1x USB3.0 full-functioned (DP / PD 5V/3A, 12V/3A)
	FeDP	1x FT proprietary miniDP (for 2nd display)	1x FT proprietary miniDP (for 2nd display)
	Serial Port	3x RJ48 (standard RS232) (default 0V; 5V,12V)	3x RJ48 (standard RS232) (default 0V; 5V,12V)
	LAN	1x RJ45	1x RJ45
	Cash Drawer	1x RJ11	1x RJ11
	DC Jack	1x 4PIN (with latch)	1x 4PIN (with latch)
	<b>Optional I/O</b>	Powered USB	2x Powered USB 12V & 1x Powered USB 24V
<b>Audio</b>	Internal Speaker	1x 3W (Option)	1x 3W (Option)
	Line-out	1 (Option)	1 (Option)
<b>Indicator</b>	LED indicator	1	1
	Power Button	1	1
<b>Power</b>	Power Adapter	65W/19V (120W/19V with 2x PUSB 12V & 1x PUSB 24V)	120W / 19V
<b>Communication</b>	WLAN+BT	802.11 series + BT5.0 (Option)	802.11 series + BT5.0 (Option)
<b>Peripheral (Option)</b>	MSR	3-Track MSR (USB)	3-Track MSR (USB)
	Fingerprint	Fingerprint reader (USB)	Fingerprint reader (USB)
	iButton	iButton (USB)	iButton (USB)
	Customer Display	LCM display 2 x 20 characters (USB)	LCM display 2 x 20 characters (USB)
	2nd Display	11.6" 2nd display	11.6" 2nd display
<b>Certificate</b>	EMC & Safety	FCC Class A, CE Mark, LVD	FCC Class A, CE Mark, LVD
<b>Environment</b>	Operating Temp.	0°C ~ 35°C (32°F ~ 95°F)	0°C ~ 35°C (32°F ~ 95°F)
	Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	20% ~ 85% RH non-condensing	20% ~ 85% RH non-condensing
<b>Dimensions</b>	W x H x D	369 x 277 x 203 mm (14.2" x 10.9" x 8.0")	369 x 277 x 203 mm (14.2" x 10.9" x 8.0")
<b>Weight</b>	Weight	4.3 kg (9.5 lbs)	4.3 kg (9.5 lbs)
<b>Mounting</b>	VESA Mount	100 x 100	100 x 100
<b>OS Supported</b>		Windows 10 IoT Enterprise, Linux, Android 13.0	Windows 10 IoT Enterprise, Linux, Android 13.0



# POS455

Agile Store Management

