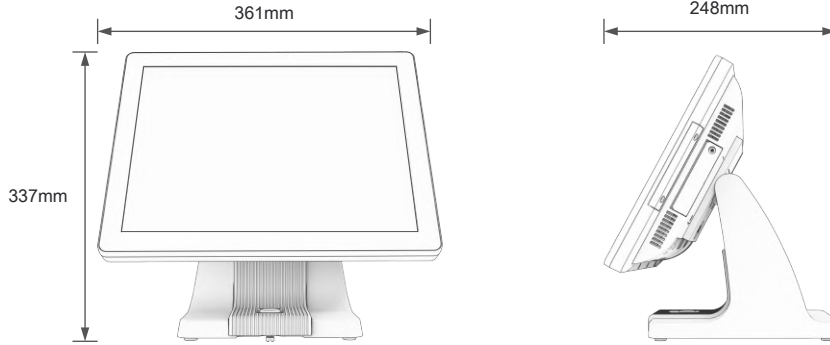# FLYTECH

POS485

Robust 15.1" POS Solution

A 15.1" touchscreen POS system designed for hospitality and retail. It's powered by Intel® processors for top-notch performance, works seamlessly with various operating systems, and features a durable aluminum housing for demanding environments. Simplify your business operations with POS485.

Key Features:

- Integrated with Intel® Elkhart Lake and Intel® Tiger Lake processors
- Effortless compatibility with Windows 10, Linux, and Android 13
- Designed with a robust aluminum die-casting housing for advanced durability
- Efficient thermal management with a system fan
- Detachable SSD service door for easy maintenance

361mm

337mm

248mm

SPECIFICATIONS

	Motherboard	F35	F85U
System	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)
Display	Size and Resolution	15.1" 1024 x 768	15.1" 1024 x 768
	Touch Screen	True-Flat PCAP Multi-touch	True-Flat PCAP Multi-touch
Expansion	M.2 (E Key)	1	1
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)	1x USB3.0 full-functioned (DP / PD 5V/3A, 12V/3A)
	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
	FeDP	1x Flytech proprietary miniDP (for 2nd display)	1x Flytech proprietary miniDP (for 2nd display)
	DC Jack	1x 4PIN (with latch)	1x 4PIN (with latch)
Optional I/O	Powered USB	2x Powered USB 12V, 1x Powered USB 24V	2x Powered USB 12V, 1x Powered USB 24V
	Line-out	1	1
Audio	Internal Speaker	1x 3W (Option)	1x 3W (Option)
Indicator	Power Button	1	1
	Rocker Switch	1	1
Power	Power Adapter	65W/19V (120W/19V with 2x PUSB 12V & 1x PUSB 24V)	120W/19V
Communication	WLAN + BT	802.11 series + BT5.0 (Option)	802.11 series + BT5.0 (Option)
Peripheral (Option)	MSR	3-Track MSR (USB)	3-Track MSR (USB)
	i-Button	i-Button (USB)	i-Button (USB)
	Fingerprint	Fingerprint Reader (USB)	Fingerprint Reader (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
Certificate	EMC & Safety	FCC Class A, CE Mark, LVD	FCC Class A, CE Mark, LVD
Environment	Ventilation	System Fan	System Fan
	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)	0°C ~ 35°C (32°F ~ 95°F)
	Storage Temperature	-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
Dimensions	W x H x D	361 x 337 x 248 mm (14.2" x 13.3" x 9.8")	361 x 337 x 248 mm (14.2" x 13.3" x 9.8")
Weight	Weight	8kg (17.6 lbs)	8kg (17.6 lbs)
Mounting	VESA Mount	100 x 100	100 x 100
OS Supported		Windows 10 IoT Enterprise, Linux, Android 13.0	Windows 10 IoT Enterprise, Linux, Android 13.0

※ *PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE* ※

2023 - 10