



POS316 | POS317 | POS319

POS 310 Series

Slim POS Solutions



Choose Your Processor For Limitless Possibilities

Tailor your business operations with the flexibility to select from two powerful processor platforms – the **MediaTek G700** and **Intel® Elkhart Lake N6210**.

MEDIATEK

Genio 700 MT8390

CPU

4GB LPDDR4 + 64GB eMMC

Memory

Android 13 (GMS*)

OS

intel.

Intel® N6210

CPU

4GB DDR4 + 128GB eMMC

Memory

 **Windows**  **Linux**  **Android 13**

OS

** GMS is planned to be launched by Q1 2024.*

POS310 series is designed with the freedom to choose from three screen sizes – **11.6", 15.6" and 21.5"**. Tailor your POS solution to fit your unique business needs, ensuring seamless integration whether your space is compact or expansive.



Elevate your customer interactions with a choice of a second display in 11.6". Designed with the flexibility of dual mounting options, you can seamlessly integrate it on the stand for a unified solution, or opt for individual stand mounting for customized positioning.

Mount on the 2nd Display Stand (ST11)



Mount on the Main Stand (ST12)



3 Mounting Options for 2nd Display



Upper Viewing Angle



Middle Viewing Angle



Lower Viewing Angle

Seamless Transactions and Rich Insights

Embrace the future of POS technology with our NFC-enabled 2nd display* and 2MP/5MP camera – a perfect blend of functionality and customer-centric innovation.

** The NFC-enabled 2nd display is a project-specific option.*

The optional **2MP/5MP camera** takes customer engagement to the next level, capturing valuable consumer data for in-depth marketing analysis



Customers can conveniently use their mobile phones, simply get close to the 2nd display, and enable the **NFC** function for secure and contactless payments.

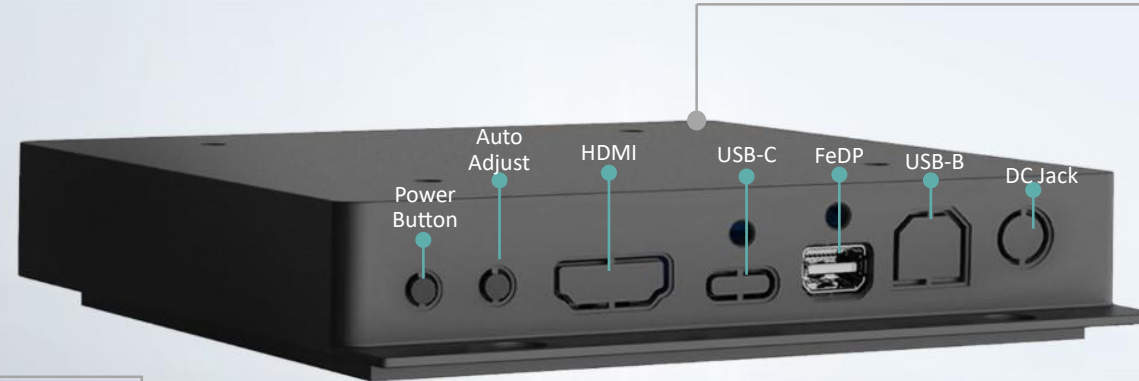
Choose Your Module Made Easy

Changing configurations is a breeze – simply swap modular boxes as needed. This approach enhances adaptability, allowing customers to effortlessly change and adapt their setup to meet specific business needs.

Display Monitor Module

Transform your display for a versatile touch monitor experience.

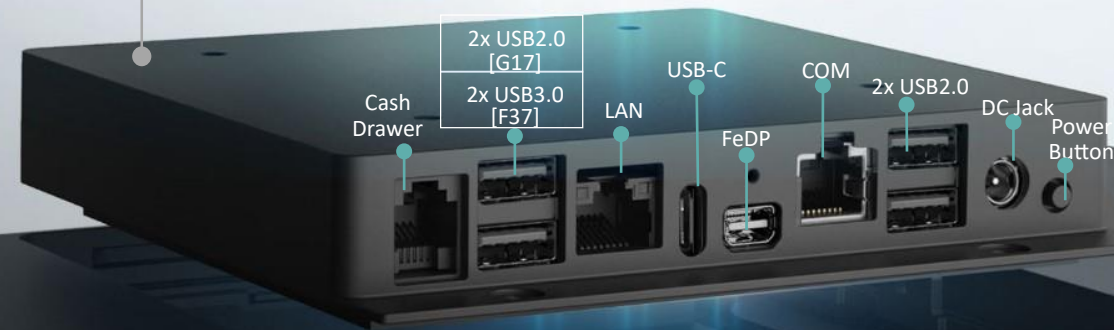
** plastic housing*



Touch PC Module

Transform your display into an all-in-one Panel PC and POS terminal.

** die-casting housing*



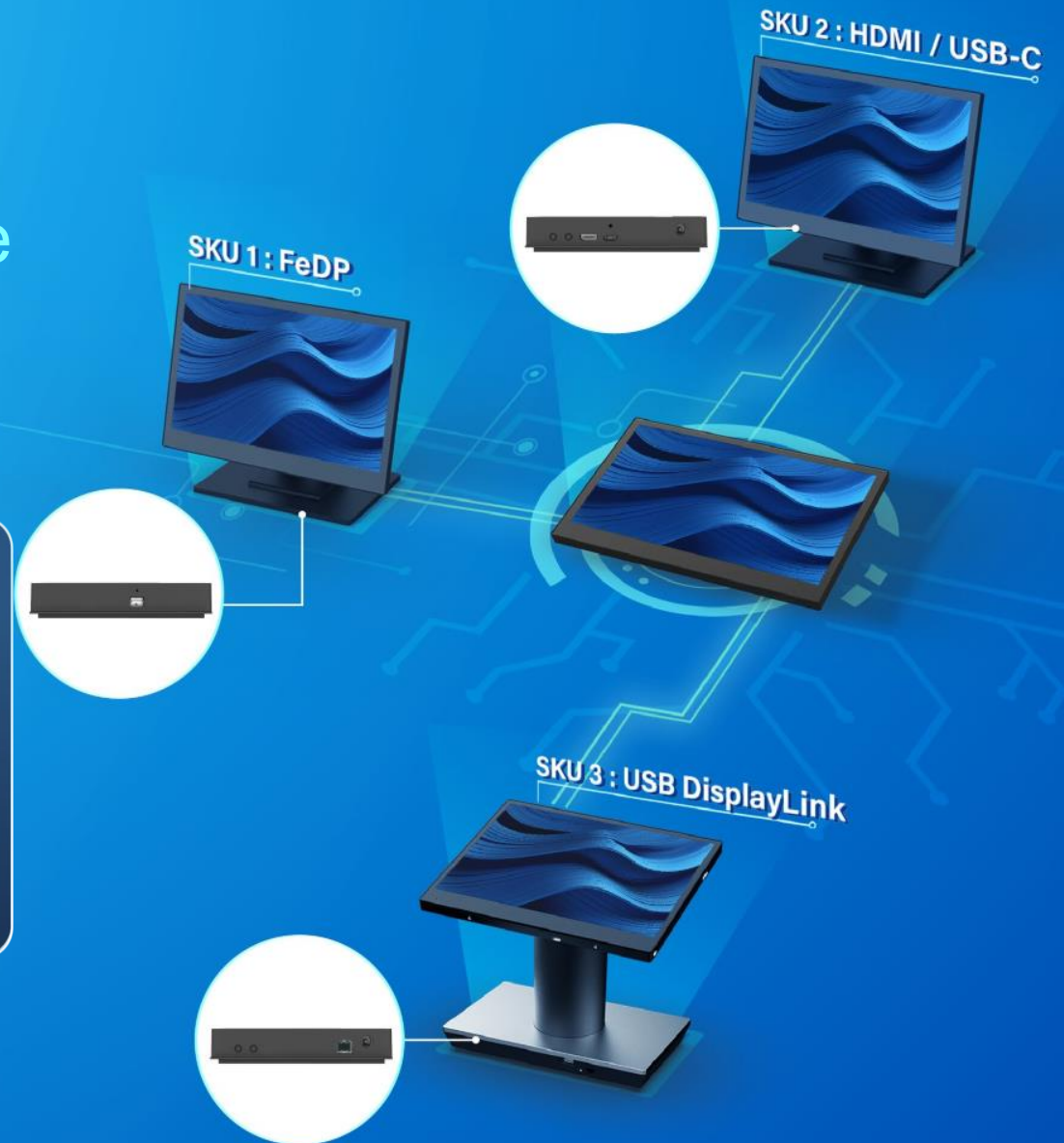
Versatility of Display Monitor Module

Tailor your visual experience with our Display Monitor Module, offering a selection of three SKUs to match your unique display interface requirements.

Scaler Board (D04)

	Power Button	Auto Adjust	HDMI	USB-C	FeDP	USB-B (DisplayLink)	DC Jack
SKU1	✗	✗	✗	✗	✓	✗	✗
SKU2*	✓	✓	✓	✓	✗	✗	✓
SKU3*	✓	✓	✗	✗	✗	✓	✓

**SKU2/SKU3 are project-specific options.*



POS310 series offers a wide range of peripherals that can be easily mounted on the right side of the display. Enjoy seamless integration and enhanced functionality, creating a personalized solution that empowers your business and elevates the customer experience.

** The peripheral can be mounted only on the right side of the display system.*

** The peripherals of the fingerprint, scanner, RFID, and light bar are project-specific options.*

MSR

The image shows a collection of black, rectangular peripherals designed for mounting on the right side of a display. On the left, a monitor is partially visible with the label 'MSR' in white text. Next to it is a small, thin peripheral. To its right are two taller, wider peripherals; the first has a small green-lit display on its left side, and the second is plain. Further right, a glowing green light bar is shown. In the bottom right foreground, another monitor is partially visible. The background consists of soft, curved blue and white shapes.

Flexible Mounting Solutions

POS310 series boasts a modular design that goes beyond being a typical POS system. It effortlessly transitions into wall-mount, pole-mounted, and self-service kiosk solutions, maximizing convenience and adaptability for your operations.

Kiosk Printer Stand



Wall-Mounted



POS Stand



11.6" 2nd Display Stand



Pole-Mounted





	Model	POS316 / POS317 / POS319	
System	Motherboard	G17	F37
	Processor	MTK G700 (MT8390)	Intel® N6210
	Memory (on board)	4GB LPDDR4	4GB DDR4
	Storage (on board)	64GB eMMC	128GB eMMC
Display	Size & Resolution	POS316: 11.6" 1920 x 1080 POS317: 15.6" 1920 x 1080 POS319: 21.5" 1920 x 1080	
	Touch Screen	True-Flat PCAP multi-touch	
I/O Ports	USB Type-A	4x USB2.0	2x USB3.0, 2x USB2.0
	USB Type-C	1x USB3.0 full-functioned (DP/ PD 5V/2A, 12V/1A)	1x USB3.0 (Data only 5V/2A)
	FeDP	1x Flytech proprietary miniDP (for 2nd display)	
	Serial Port	1x RJ48 (Powered RS232) (default: 0V; control by factory: 5V, 12V)	
	LAN	1x RJ45	
	Cash Drawer	1x RJ11 (12V)	
	DC Jack	1x 2PIN	
	Power Button	1	
Audio	Internal Speaker	1x 3W (Option)	
Power	Power Supply	36W / 12V	
Communication	WLAN + BT	WiFi 6 + BT5.2 (default)	WiFi 6 + BT5.2 (Option)



Peripheral (option)	MSR	3-Track MSR (USB)	
	Fingerprint Reader*	Fingerprint Reader (USB)	
	2D Scanner*	2D Scanner (USB)	
	RFID Reader*	RFID Reader (USB)	
	Light Bar*	Light Bar Module (USB)	
Certificate	EMC & Safety	FCC Class A, CE Mark Class A, 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	POS316: 289 x 275 x 193 mm / POS317: 372 x 294 x 237 mm / POS319: 516 x 336 x 308 mm	
Mounting	VESA Mount	75 x 75 mm	
OS Supported		Android 13.0 (GMS)**	Windows 10 IoT Enterprise, Linux, Android 13.0

* The peripherals of the fingerprint, scanner, RFID, and light bar are project-specific options.

※ Product specifications and data are subject to change without notice

** GMS is planned to be launched by Q1 2024.

PRIVATE & CONFIDENTIAL © FLYTECH TECHNOLOGY CO. LTD. 2023

	Scaler Board (D04)	SKU 1	SKU 2*	SKU 3*
		FeDP	HDMI / USB-C	USB DisplayLink
Display	Size & Resolution	D116: 11.6" 1366 x 768 D117: 15.6" 1920 x 1080 D119: 21.5" 1920 x 1080		



	Touch Screen	True-Flat PCAP multi-touch		
I/O Ports	Power Button	-	1	1
	Auto Adjust Button	-	1	1
	HDMI	-	1	-
	USB Type-B	-	-	1
	USB Type-C	-	1x USB2.0, supports Alt mode with PD (5V/3A, 12V/1.25A) from the system	-
	FeDP	1	-	-
	DC Jack	-	1x 2PIN	1x 2PIN
Power	Power Supply	36W / 12V		
Peripheral (option)	Camera	1x 2MP or 5MP Camera (*available only for 11.6" D116)		
Certificate	EMC & Safety	FCC Class A, CE Mark Class A, 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 (Display)	W x H x D	D116: 289 x 193 x 29 mm D117: 372 x 238 x 30 mm D119: 516 x 308 x 40 mm
Mounting	VESA Mount	75 x 75 mm 75 x 25 mm (*available only for 11.6" D116)

* SKU 2 & SKU 3 are project-specific options.

※ Product specifications and data are subject to change without n