



Slim POS Solution

POS310 Series

POS316 | POS317 | POS319

 Windows  Linux  Android 13



KEY FEATURES:

- Flexible selection of two processor platforms: MediaTek G700 and Intel® Elkhart Lake J6412
- Supports Windows, Linux, and Android operating systems
- Selection of 11.6", 15.6", and 21.5" touchscreen sizes
- Dual displays with flexible mounting design
- Effortlessly swap modular boxes for advanced adaptability
- Easily interchangeable between touch monitor mode and POS system
- Easily transitions into wall-mounted, pole-mounted, and self-service kiosk solutions

SPECIFICATIONS: POS SYSTEM

System	Motherboard	G17	F37
	Processor	MediaTek G700 (MT8390)	Intel® Elkhart Lake J6412
	Memory (on board)	8GB LPDDR4	8GB DDR4
	Storage (on board)	128GB eMMC	128GB eMMC
Expansion	Storage	1 x microSD Card Slot	1 x microSD Card Slot
Display	Size and Resolution	POS316: 11.6" 1920 x 1080 POS317: 15.6" 1920 x 1080 POS319: 21.5" 1920 x 1080	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	True-Flat PCAP multi-touch
I/O ports	USB Type-A	4 x USB2.0	2 x USB3.0, 2 x USB2.0
	USB Type-C	1 x USB3.0 full-functioned (DP/ PD 5V/2A, 12V/1A)	1 x USB3.0 (Data only 5V/2A)
	FeDP	1 x Flytech proprietary miniDP (for 2nd display)	1 x Flytech proprietary miniDP (for 2nd display)
	Serial Port	1 x RJ48 (Powered RS232) (default: 0V, 5V/12V configurable per project)	1 x RJ48 (Powered RS232) (default: 0V, 5V/12V configurable per project)
	LAN	1 x RJ45 (Optional: PoE Module IEEE 802.3bt, up to 51W)	1 x RJ45
	Cash Drawer	1 x RJ11 (12V)	1 x RJ11 (12V)
	DC Jack	1 x 2PIN	1 x 2PIN
	Power Button	1	1
Audio	Internal Speaker	1 x 3W	1 x 3W
Power	Power Adapter	36W / 12V	36W / 12V
Communication	WLAN + BT	WiFi 6 + BT5.2 (default)	WiFi 6 + BT5.2 (Option)
Peripheral (option)	MSR	3-Track MSR (USB)	3-Track MSR (USB)
	Fingerprint Reader	Fingerprint Reader (USB)	Fingerprint Reader (USB)
	i-Button	i-Button (USB)	i-Button (USB)
	2D Scanner	2D Scanner (USB) (*project-based)	2D Scanner (USB) (*project-based)
	RFID Reader	RFID Reader (USB) (*project-based)	RFID Reader (USB) (*project-based)
	Camera	Camera (*project-based)	Camera (*project-based)
	Light Bar	Light Bar Module (USB) (*project-based)	Light Bar Module (USB)
	Customer Display	LCM Display 2 x 20 characters (USB)	LCM Display 2 x 20 characters (USB)
	2nd Display	11.6" 2nd Display (with touch) 11.6" 2nd Display (without touch)	11.6" 2nd Display 11.6" 2nd Display (without touch)
Certificate	EMC & Safety	FCC Class A, CE Mark Class A, LVD	FCC Class A, CE Mark Class A, LVD
Environment	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	POS316: 289 x 275 x 193 mm POS317: 372 x 294 x 237 mm POS319: 516 x 336 x 308 mm	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	75 x 75 mm
OS Supported		Android 13.0 (GMS)	Windows 10 IoT Enterprise, Linux, Android 13.0

SPECIFICATIONS: TOUCH MONITOR

Scaler Board	D04	SKU 1 FeDP	SKU 2 (*project-specific options) HDMI / USB-C	SKU 3 (*project-specific options) USB DisplayLink
Display	Size and Resolution	D116: 11.6" 1366 x 768 D117: 15.6" 1920 x 1080 D119: 21.5" 1920 x 1080	D116: 11.6" 1366 x 768 D117: 15.6" 1920 x 1080 D119: 21.5" 1920 x 1080	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	True-Flat PCAP multi-touch	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 Adapter	-	36W / 12V	36W / 12V
Peripheral (*project-based)	Camera	1x 2MP or 5MP Camera (*available only for 11.6" D116)	1x 2MP or 5MP Camera (*available only for 11.6" D116)	1x 2MP or 5MP Camera (*available only for 11.6" D116)
Certificate	EMC & Safety	FCC Class A, CE Mark Class A, LVD	FCC Class A, CE Mark Class A, LVD	FCC Class A, CE Mark Class A, LVD
Environment	Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)	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)	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	20% ~ 85% RH non-condensing	20% ~ 85% RH non-condensing	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	D116: 289 x 193 x 29 mm D117: 372 x 238 x 30 mm D119: 516 x 308 x 40 mm	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")	75 x 75 mm, 75 x 25 mm (*available only for 11.6")	75 x 75 mm, 75 x 25 mm (*available only for 11.6")

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

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