



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) | 4GB LPDDR4 | 8GB DDR4 |
| | Storage (on board) | 64GB 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; control by factory: 5V, 12V) | 1 x RJ48 (Powered RS232) (default: 0V; control by factory: 5V, 12V) |
| | 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 (Option) | 1 x 3W (Option) |
| 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) |
| | 2D Scanner* | 2D Scanner (USB) | 2D Scanner (USB) |
| | RFID Reader* | RFID Reader (USB) | RFID Reader (USB) |
| | Light Bar* | Light Bar Module (USB) | Light Bar Module (USB) |
| | 2nd Display | 11.6" 2nd Display | 11.6" 2nd Display |
| | | ※The peripherals of the fingerprint, scanner, RFID, and light bar are project-specific options. | |
| 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 | SKU 2 (*project-specific options) | SKU 3 (*project-specific options) |
| | | FeDP | HDMI / USB-C | 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 | 36W / 12V |
| Peripheral (option) | 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 | D116: 289 x 193 x 29 mm | D116: 289 x 193 x 29 mm |
| | | D117: 372 x 238 x 30 mm | D117: 372 x 238 x 30 mm | D117: 372 x 238 x 30 mm |
| | | D119: 516 x 308 x 40 mm | D119: 516 x 308 x 40 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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