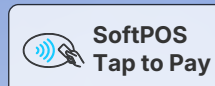




Slim POS Solution

# POS310 Series

POS316 | POS317 | POS319



## Key Features:

- Flexible selection of two processor platforms: MediaTek Genio 700 and Intel® Twin Lake
- Supports Windows, Linux, and Android operating systems
- Optional NFC module for SoftPOS payment on EDLA-certified Android POS
- Selection of 11.6", 15.6", and 21.5" touchscreen sizes
- Dual displays with flexible mounting design
- Effortlessly swap modular boxes for advanced adaptability
- Interchangeable between touch monitor and POS system
- Adaptable to wall-mounted, pole-mounted, and self-service kiosk setups

|                             |                                |                                                                                                                     |                                                                                        |
|-----------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| System                      | Motherboard                    | G17                                                                                                                 | G37                                                                                    |
|                             | Processor<br>Memory<br>Storage | MediaTek Genio 700 (MT8390)<br>8GB LPDDR4 (on board)<br>128GB eMMC (on board)                                       | Intel® Processor N150 (Twin Lake)<br>8GB DDR4<br>128GB                                 |
| Expansion                   | Storage                        | 1 x microSD Card Slot                                                                                               | -                                                                                      |
| Display                     | Size and Resolution            | POS316: 11.6" 1920 x 1080<br>POS317: 15.6" 1920 x 1080<br>POS319: 21.5" 1920 x 1080                                 | POS316: 11.6" 1920 x 1080<br>POS317: 15.6" 1920 x 1080<br>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 full-functioned (DP/PD 5V/3A, 12V/1.5A)                                     |
|                             | 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)                                                                |
| Payment Capability (option) | NFC (SoftPOS Capable)          | NXP IC7220 controller with integrated 80 x 80 mm antenna<br>(*SoftPOS supported on EDLA-certified Android POS only) | -                                                                                      |
| 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) (*project-based)                                                |
|                             | Customer Display               | LCM Display 2 x 20 characters (USB)                                                                                 | LCM Display 2 x 20 characters (USB)                                                    |
| Certificate                 | EMC & Safety                   | FCC Class A, CE Mark Class A, LVD                                                                                   | FCC Class A, CE Mark Class A, LVD                                                      |
|                             | 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)                                                            |
| Environment                 | Humidity                       | 20% ~ 85% RH non-condensing                                                                                         | 20% ~ 85% RH non-condensing                                                            |
|                             | Dimensions                     | POS316: 289 x 275 x 193 mm<br>POS317: 372 x 294 x 237 mm<br>POS319: 516 x 336 x 308 mm                              | POS316: 289 x 275 x 193 mm<br>POS317: 372 x 294 x 237 mm<br>POS319: 516 x 336 x 308 mm |
|                             | Mounting                       | VESA Mount                                                                                                          | VESA Mount                                                                             |
| OS                          |                                | Android 15 with EDLA                                                                                                | Windows 11 IoT Enterprise, Linux, Android 15                                           |

Specifications: Touch Monitor

|                             |                       |                                                                               |                                                                               |                                                                               |
|-----------------------------|-----------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Scaler Board                | D04                   | SKU 1<br>FeDP                                                                 | SKU 2 (*project-specific options)<br>HDMI / USB-C                             | SKU 3 (*project-specific options)<br>USB DisplayLink                          |
| Display                     | Size and Resolution   | D116: 11.6" 1366 x 768<br>D117: 15.6" 1920 x 1080<br>D119: 21.5" 1920 x 1080  | D116: 11.6" 1366 x 768<br>D117: 15.6" 1920 x 1080<br>D119: 21.5" 1920 x 1080  | D116: 11.6" 1366 x 768<br>D117: 15.6" 1920 x 1080<br>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            | -                                                                             | 1 x 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                | 1 x 2MP or 5MP Camera<br>(*available only for 11.6" D116)                     | 1 x 2MP or 5MP Camera<br>(*available only for 11.6" D116)                     | 1 x 2MP or 5MP Camera<br>(*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<br>D117: 372 x 238 x 30 mm<br>D119: 516 x 308 x 40 mm | D116: 289 x 193 x 29 mm<br>D117: 372 x 238 x 30 mm<br>D119: 516 x 308 x 40 mm | D116: 289 x 193 x 29 mm<br>D117: 372 x 238 x 30 mm<br>D119: 516 x 308 x 40 mm |
| Mounting                    | VESA Mount            | 75 x 75 mm,<br>75 x 25 mm (*available only for 11.6")                         | 75 x 75 mm,<br>75 x 25 mm (*available only for 11.6")                         | 75 x 75 mm,<br>75 x 25 mm (*available only for 11.6")                         |

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

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