# Element CA30X Series

## Android Terminal Series

The **Element CA30X** Android POS Terminal revolutionises business operations with its versatile design. Powered by the MediaTek G700 (MT8390) processor, it ensures swift performance on the Android operating system across 11.6", 15.6", and 21.5" touchscreen options.

Featuring dual displays and flexible mounting capabilities, it seamlessly transitions between touch monitor mode and a full POS system, ideal for diverse retail environments. This all-in-one solution caters to both staff POS needs and customer NFC tap-on device payments.

Adaptable for kiosks, digital displays, and payment systems, the CA30X can be wall-mounted, pole-mounted, or used as a self-service kiosk, offering unmatched flexibility.
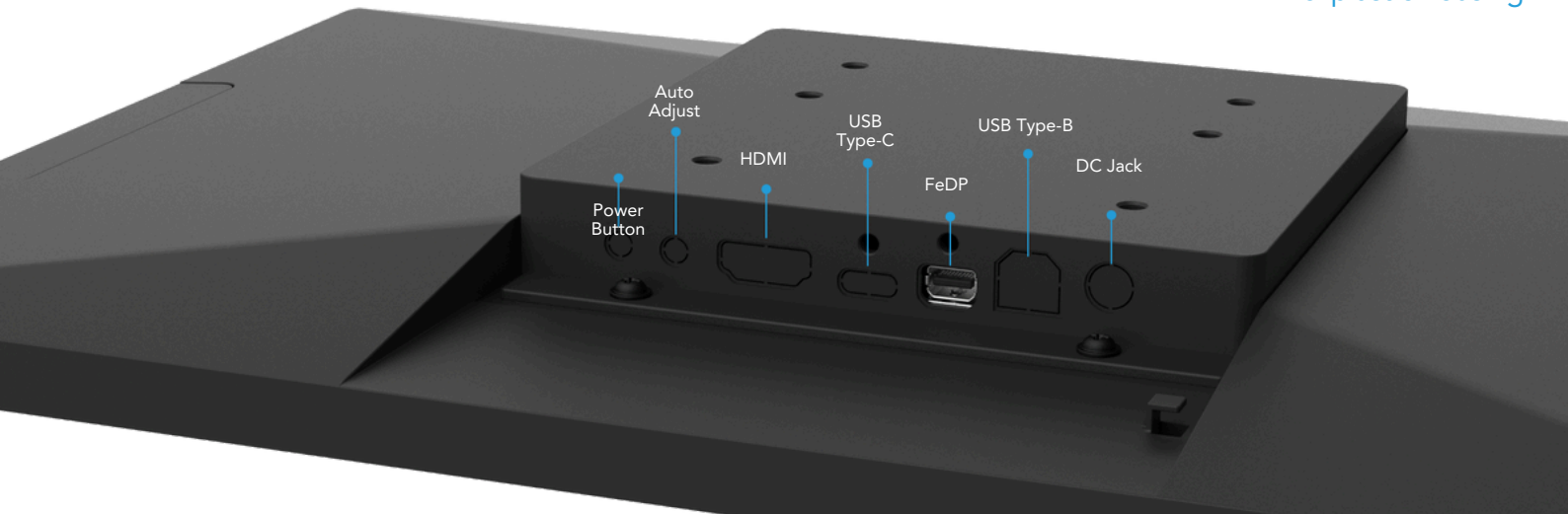
> Flexible selection of two processor platforms: MediaTek G700 and Intel® Elkhart Lake J6412

> Supports Android operating system

> 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

# TOUCHSCREEN SIZE OPTIONS



21.5"  15.6"  11.6"

# DISPLAY MONITOR MODULE I/O PORT

With scaler board
& plastic housing



Auto Adjust
HDMI
USB Type-C
FeDP
USB Type-B
DC Jack
Power Button

# 11.6" & 15.6" SECOND DISPLAY, MOUNTABLE BEHIND THE STAND



15.6"  11.6"

# SECOND DISPLAY MOUNTING OPTIONS

With bracket

On second display stand

# SECOND DISPLAY BRACKET - SUPPORTS 3 WAYS OF MOUNTING

1
11.6" only

2
11.6" & 15.6"

3
11.6" only

# NFC & CAMERA OPTION
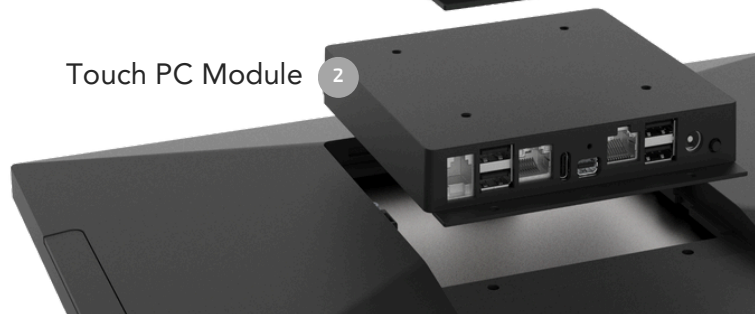# WITH CA307 11.6" DISPLAY

2 Megapixel Camera

Embedded NFC Reader

# MODULAR DESIGN

Two types of module, adaptable to your needs:

Display Monitor Module 1

Touch PC Module 2

# Technical Specifications – CA30X POS System

| Item | | Parameter |
|---|---|---|
| System | Motherboard | G17 |
| | Processor | MediaTek G700 (MT8390) |
| | Memory (on board) | 4GB LPDDR4 |
| | Storage (on board) | 64GB eMMC |
| Expansion | Storage | 1 x microSD Card Slot |
| Display | Size and Resolution | CA307: 11.6" 1920 x 1080; CA308: 15.6" 1920 x 1080; CA309: 21.5" 1920 x 1080 True-Flat PCAP multi-touch |
| | Touch Screen | True-Flat PCAP multi-touch |
| I/O ports | USB Type-A | 4 x USB2.0 |
| | USB Type-C | 1 x USB 3.0 full-functioned (DP/ PD 5V/2A, 12V/1A) |
| | FeDP | 1 x proprietary miniDP (for 2nd display) |
| | Serial Port | 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) |
| | Cash Drawer | 1 x RJ11 (12V) |
| | DC Jack | 1 x 2PIN |
| | Power Button | 1 |
| Audio | Internal Speaker | 1 x 3W  (Option) |
| Power | Power Adapter | 36W / 12V |
| Communication | WLAN + BT | WiFi 6 + BT5.2 (default) |
| 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 |
| | 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 |
| 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 | CA307: 289 x 275 x 193 mm; CA308: 372 x 294 x 237 mm; CA309: 516 x 336 x 308 mm |
| Mounting | VESA Mount | 75 x 75 mm |
| OS Supported | | Android 13.0 (GMS) |

*Product specifications and data are subject to change without notice (E&OE)

# Technical Specifications – CA30X Touch Monitor

| Item | | Parameter | | |
|---|---|---|---|---|
| **Scaler Board** | **D04** | **SKU 1**<br>**FeDP** | **SKU2**<br>**HDMI / USB-C** | **SKU3**<br>**USB DisplayLink** |
| I/O Ports | Power Button | - | 1x | 1x |
| | Auto Adjust Button | - | 1x | |
| | HDMI | - | 1x | - |
| | USB Type-C | | | |
| | FeDP | 1x proprietary miniDP | - | - |
| | USB Type-B | - | - | 1x |
| | DC Jack | - | 1x 2PIN | - |
| 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 | | |

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