



# EloPOS Z30 with Intel®

All-in-One POS System



**Integrated I/O**



**Integrated CFD  
with TouchPro PCAP**



**Enterprise-Grade  
Support**

## Product Overview

Built on Elo's unified architecture, the EloPOS Z30 with Intel delivers a powerful point of sale system that outperforms the competition. Complete with a 15.6-inch Full HD interactive display, integrated connectivity hub, contained cable routing, optional customer-facing touchscreen display and your choice of Windows 10, ChromeOS Flex or Linux (SuSE, Ubuntu and Red Hat), the EloPOS Z30 brings one of the sleekest form factors to the market. Start changing the way customers and employees interact by deploying a new generation of interactive point-of-sale technologies.

**10-Touch TouchPro PCAP display with  
easy to clean edge-to-edge glass**

**Offer customers a point of interaction  
with an optional built in interactive CFD**

**Integrated connectivity hub built into  
the stand with a compartment for  
seamless cable routing**

EloPOS Z30 with Intel

| Specifications         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bezel Color            | Dark Grey Metallic                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Diagonal Size          | 15.6" / 396.24 mm                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Active Display Area    | 13.55" x 7.62" / 344 mm x 194 mm                                                                                                                                                                                                                                                                                                                                                                                                             |
| Resolution             | 1920 x 1080 @ 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Touch Technology       | TouchPro® PCAP (Projected Capacitive) - up to 10 touches                                                                                                                                                                                                                                                                                                                                                                                     |
| Aspect Ratio           | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Number of Colors       | 16.2M                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Brightness             | LCD Panel: 300 nits; PCAP: 255 nits                                                                                                                                                                                                                                                                                                                                                                                                          |
| Response Time          | 25 ms                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Viewing Angle          | Horizontal: ±85° or 170° total / Vertical: ±85° or 170° total                                                                                                                                                                                                                                                                                                                                                                                |
| Contract Ratio         | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operating System       | No Operating System<br>Microsoft Windows 10 IoT Enterprise LTSC 64-bit                                                                                                                                                                                                                                                                                                                                                                       |
| Languages              | Windows 10 - 36 Language groups                                                                                                                                                                                                                                                                                                                                                                                                              |
| Processor              | Intel® Pentium® Processor J6426                                                                                                                                                                                                                                                                                                                                                                                                              |
| Memory                 | 8GB 3200MHz DDR4 SO-DIMM on 1 slot (Expandable to 32 GB maximum on 1 slot)                                                                                                                                                                                                                                                                                                                                                                   |
| Storage                | 128GB M.2 NVME SSD (GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.)                                                                                                                                                                                                                                                                                                                        |
| Graphics               | Intel UHD Graphics                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BIOS                   | AMI                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Wireless               | 802.11 a/b/g/n/ac/ax 2.4GHz and 5GHz and 6GHz, Bluetooth 5.2                                                                                                                                                                                                                                                                                                                                                                                 |
| Antenna                | 2T2R design                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Webcam                 | 8MP, Max Resolution: 1920x1080 30fps Auto Focus                                                                                                                                                                                                                                                                                                                                                                                              |
| Audio                  | 2x 2W internal speakers, Digital Microphone                                                                                                                                                                                                                                                                                                                                                                                                  |
| TPM                    | TPM 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| I/O Ports              | I/O ports on display: USB-C Connector, Supports USB 2.0/3.0, DP output, (Requires 20V/40W USB-C Power Delivery 2.0 if not using I/O Hub for power)<br>I/O ports on stand: DC in Jack, 4x USB3.0, LAN RJ45 (Gigabit) (wo Wake on Lan at S5 support), RJ12 12V/24V Cash Drawer Port on I/O (EPSON Pinout, 24V default; selectable by BIOS), Powered USB 24V, Full-function USB-C (Power up to 27W, USB 3.0, Display Port) (non-CFD model only) |
| Power                  | External 24VDC universal-type power supply brick; AC input voltage: 100-240 VAC, Input frequency: 50-60 Hz; Maximum output power: 150W                                                                                                                                                                                                                                                                                                       |
| Power Consumption      | ON With CFD: 40W, ON Without CFD: 32W, SLEEP: <2.0W, OFF: <0.5W                                                                                                                                                                                                                                                                                                                                                                              |
| Real-Time Clock        | Replaceable CR2450 lithium metal battery                                                                                                                                                                                                                                                                                                                                                                                                     |
| Dimensions (W x D x H) | Unpackaged: 14.3" x 17.6" x 7.10" / 362.8 mm x 298.7 mm x 180.4 mm; Packaged: 18.11" x 10.63" x 15.71" / 460 mm x 270 mm x 399 mm                                                                                                                                                                                                                                                                                                            |
| Weight                 | Unpackaged: 8.8 lbs / 4 kg; Packaged: 14.1 lbs / 6.4 kg                                                                                                                                                                                                                                                                                                                                                                                      |
| Temperature            | Operating: 32°F to 95°F (0°C to 35°C); Storage: -4°F to 140°F (-20°C to 60°C)                                                                                                                                                                                                                                                                                                                                                                |
| Humidity               | Operating: 10%-90%; Storage: 0%-95% 38.7° max wet bulb temperature                                                                                                                                                                                                                                                                                                                                                                           |
| Mounting Options       | VESA 75mm                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MTBF                   | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Warranty               | 3 years standard                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Extended Warranty      | 4 year warranty coverage - Elo P/N: E819598<br>5 year warranty coverage - Elo P/N: E819795<br>3 year warranty coverage + AUR - Elo P/N: E820186<br>4 year warranty coverage + AUR - Elo P/N: E820388<br>5 year warranty coverage + AUR - Elo P/N: E820582                                                                                                                                                                                    |
| Regulatory Approvals   | UL/cUL, FCC, CE, CB, NOM, RCM, VCCI, Argentina S-Mark, CCC, SRRC, ANATEL, UKCA                                                                                                                                                                                                                                                                                                                                                               |
| What's in the Box      | EloPOS Z30, NA Power Cable, EU Power Cable, Quick Install Guide, 150W Power Brick, 2 x Zip Ties, M4x8 flat head screw, 2x M4x6 flat head screw, Base Plate - for mounting to a countertop                                                                                                                                                                                                                                                    |

Built-In Customer-Facing Display

| Specifications      |                                                               |
|---------------------|---------------------------------------------------------------|
| Size Resolution     | 10.1 inch 1200x1920                                           |
| Active Display Area | 5.33" x 8.53" / 135.36 mm x 216.58 mm                         |
| Operating System    | Horizontal: ±80° or 160° total / Vertical: ±80° or 160° total |
| Processor           | LCD Panel: 450 nits; TouchPro PCAP: 387 nits                  |
| Number of Colors    | 8-bit (16.7M)                                                 |
| Touch Technology    | TouchPro® PCAP (Projected Capacitive) - up to 10 touches      |
| Sealing             | Touchscreen sealed to LCD                                     |

Ordering Information

| Part Number | OS         | Processor                | Customer-Facing Display |
|-------------|------------|--------------------------|-------------------------|
| E984463     | No OS      | Intel Elkhart Lake J6426 | With CFD                |
| E984657     | Windows 10 | Intel Elkhart Lake J6426 | With CFD                |
| E984089     | No OS      | Intel Elkhart Lake J6426 | Without CFD             |
| E984275     | Windows 10 | Intel Elkhart Lake J6426 | Without CFD             |

Learn more about Elo at [EloTouch.com](https://www.elotouch.com).

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