



EloPOS Z20 with Android™

All-in-One POS System



Integrated I/O



Android 14



Flip the Display

Product Overview

Built on Elo's unified Android platform, the EloPOS Z20 delivers commercial-grade performance tailored for point-of-sale environments. Available with your choice of a 10-inch or 15-inch interactive display, the EloPOS Z20 features an integrated connectivity hub, concealed cable routing, and Android 14 OS, providing robust performance without compromising counter space. For added flexibility, the flip-display design enables seamless transition from employee-facing to customer-facing interactions, supporting both full-service and self-service applications. Start elevating your point-of-sale experience by with the EloPOS Z20, purpose-built for reliability, flexibility, and ease of integration.

Available in 10" or 15" sizes with sleek edge-to-edge glass PCAP touchscreen

Enterprise-Grade Support - Security updates, seamless provisioning, Elo Home, OEMConfig and more

Integrated I/O hub & concealed cable routing simplify peripheral connectivity

Easily add peripherals to the edge of the display with the Elo Edge Connect™

EloPOS Z20 with Android

Specifications	10-inch EloPOS Z20 for Android	15-inch EloPOS Z20 for Android
Diagonal Size	10.1" / 256.54 mm	15.6" / 396.24 mm
Active Display Area	8.54" x 5.34" / 217 mm x 136 mm	13.55" x 7.62" / 344 mm x 194 mm
Resolution	1920 x 1200 @ 60Hz	1920 x 1080 @ 60Hz
Touch Technology	TouchPro® PCAP (Projected Capacitive) - up to 10 touches	
Aspect Ratio	16:10	16:9
Number of Colors	8-bit (16.7M)	
Brightness	LCD Panel: 450 nits; PCAP: 387 nits	LCD Panel: 250 nits; PCAP: 213 nits
Response Time	30 ms	
Viewing Angle	Horizontal: ±80° or 160° total / Vertical: ±80° or 160° total	Horizontal: ±85° or 170° total / Vertical: ±85° or 170° total
Contract Ratio	900:1	700:1
Compatible CFD	1002L – Elo P/N: E155834 and E324341, 1302L – Elo P/N: E683595 and E683787, 1502L – Elo P/N: E125496	
Operating System	Android 14 with Google Play Services and EloView content deployment and management Upgrade to Android 16 and planned upgrade to Android 18 are available with an OS 360 subscription	
Processor	Qualcomm Snapdragon QCS6490	
Memory	8GB	
Storage	64GB	
I/O Ports	I-Series: 1x USB-A 3.0 support (900mA), 1x USB-C output*, 1x Micro SD slot, 1x GPIO, 1x RJ45 Ethernet LAN (Gigabit), 1x DC input * When using the standard 65W power brick, USB-C can support up to 15W. When using the optional 90W power brick, USB-C can support up to 27W. See User Manual for details Z20 POS Stand for 10" I-Series: 1x DC-Input, 2x USB-A 3.0 (900mA), 1x RJ12 (Cash drawer)** 12/24V, 1x RJ45 Ethernet LAN (Gigabit) Z20 POS Stand for 15" I-Series: 1x DC-Input, 4x USB-A 3.0 (900mA), 1x RJ12 (Cash drawer)** 12/24V, 1x RJ45 Ethernet LAN (Gigabit)***, 1x USB-C output - CFD (DisplayPort, Touch & Power Delivery)**** **User will need to select the mode ***Ethernet upload and download speeds may decrease to ~250Mbps when using the CFD **** USB speeds may be reduced to 2.0 speeds when DisplayPort video is being output.	
Display Head Interface from Stand	DC Jack for Power, USB-C for Data to the Z20 POS Stand IO Hub	
Wireless	802.11a/b/g/n/ac/ax + Bluetooth 5.2	
Webcam	8MP, Max Resolution: 3200x2400 30fps, Auto Focus, Focus Range: >10cm	
Speakers	2x 2W	2x 1.5W
Audio	2x built-in Digital Microphones	
Power	AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz	
Power Consumption	On: 8.5W; Off: 0.4W; Sleep: 4.5W	On: 11.0W; Off: 0.4W; Sleep: 4.4W
Dimensions (W x D x H)	I-Series: 10" x 6.7" x 0.9" / 252.9 mm x 169.0 mm x 22.1 mm Z20 POS Stand: 6.53" x 7.79" x 6.85" / 166 mm x 198 mm x 174 mm	I-Series: 15.34" x 9.8" x 0.9" / 389.7 mm x 249.7 mm x 22.3 mm Z20 POS Stand: 7.6" x 10.0" x 6.7" / 194 mm x 255 mm x 169 mm
Shipping Dimensions	I-Series: 12.6" x 6.0" x 9.8" / 320 mm x 150 mm x 250 mm Z20 POS Stand: 12.36" x 11.93" x 12.4" / 314 mm x 303 mm x 315 mm	I-Series: 17.8" x 6.5" x 13.0" / 452 mm x 165 mm x 330 mm Z20 POS Stand: 12.36" x 11.93" x 12.4" / 314 mm x 303 mm x 315 mm
Weight	I-Series: 3.1 lbs / 1.4 kg; Z20 POS Stand: 6.6 lbs / 3.0 kg	I-Series: 3.4 lbs / 1.6 kg; Z20 POS Stand: 8.1 lbs / 3.7 kg
Shipping Weight	I-Series: 7.9 lbs / 3.6 kg; Z20 POS Stand: 9.4 lbs / 4.3 kg	I-Series: 10.6 lbs / 4.8 kg; Z20 POS Stand: 11.4 lbs / 5.2 kg
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 122°F (-20°C to 50°C)	
Humidity	Operating: 20%-80%; Storage: 10%-90%	
Hinge Life Rating	5000 flips	
Mounting Options	VESA 75mm	
Warranty	2 years standard with extended warranty options available.	
Security Updates	Bi-monthly Android security updates available with Elo OS 360 package.	
Regulatory Approvals	UL/cUL (US); FCC (US); IC (Canada); CE (Europe); CB (International); VCCI, MIC (Japan); RCM (Australia)	
Supported Country List	Canada, USA, Australia, Japan, New Zealand, Austria, Belgium, Czech Republic, Denmark, France, Germany, United Kingdom, Hungary, Italy, Netherlands, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Turkey	
What's in the Box	I-Series: NA Power Cable, EU Power Cable, Power Brick, Quick Install Guide, Screws for cable cover door, Tie wrap Z20 POS Stand for 10" I-Series: POS Stand; North American Power Cable; European Power Cable; Quick Install Guide; 90W Power Brick; VESA cover, top 10" (for mounting to the hinge); VESA cover, bottom 10" (for mounting to the hinge); Base Plate (for mounting to a countertop); Cable Tie (for securing cables); 1x Screw, M4x6 (in Bag "A" - for mounting VESA covers); 4x Screw, M4X8 (in Bag "B" - for mounting main display); 1x Screw, M3X6 (in Bag "C" - for mounting base plate) Z20 POS Stand for 15" I-Series: POS Stand; North American Power Cable; European Power Cable; Quick Install Guide; 150W Power Brick; 0.3m USB-C to USB-C Cable (To provide USB and Video signals to the CFD); VESA Cover, Top 15" (for mounting to the hinge); VESA Cover, bottom 15" (for mounting to the hinge); Base Plate (for mounting to a countertop); CFD Cover (for mounting a customer-facing display); Cable Tie (for securing cables); 1x Screw, M4x6 (in Bag "A" - for mounting VESA covers); 1x Screw, M4x6 (in Bag "A" - for mounting base plate); 4x Screw, M4X8 (in Bag "B" - for mounting main display); 4x Screw, M4X20 (in Bag "C" - for mounting a customer-facing display)	

Ordering Information

Family	Part Number	Size	Processor	Color	Memory	Storage
I-Series 5 Standard	E539154	10-inch	Qualcomm Snapdragon QCS6490	Black	8GB	64GB
	E539346	10-inch	Qualcomm Snapdragon QCS6490	White (MTO)		
	E540294	15-inch	Qualcomm Snapdragon QCS6490	Black		
	E540494	15-inch	Qualcomm Snapdragon QCS6490	White (MTO)		
Z20 POS Stand	E554932	for 10-inch I-Series	N/A	Black	N/A	N/A
	E767356	for 15-inch I-Series	N/A	Black		

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

Americas

Tel +1 408 597 8000
elosales.na@elotouch.com

Europe (EMEA)

Tel +32 16 930 136
EMEA.Sales@elotouch.com

Asia Pacific

Tel +86 (21) 3329 1385
EloAsia@elotouch.com

Elo reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products. Elo, the Elo logo and TouchPro are either trademarks or registered trademarks of Elo Touch Solutions, Inc. Android is a trademark of Google LLC. Google Mobile Services is a trademark of Google LLC. All other trademarks are the property of their respective owners. © 2025 Elo Touch Solutions, Inc. All rights reserved. 25052AES00212

