

# Bump Bars



KP-7500 | KP-9000

# KP-7500 Bump Bar



FEATURE	SPECIFICATION		
Input	10 x 2, 20-Key Membrane		
Key Rating	30 Million Pushes		
Mounting Options	Optional Bracketing Available		
Overlay Options	Customizable Keypad Overlays, Installs without Tools		
Features	Software Programmable Scan Codes Adjustable Sound for Frequency and Volume Downloadable Firmware for Easy Updates and Support ConnectSmart ControlPoint Supported		
Chassis	Durable, Premium Grade Polycarbonate Metal Reinforced Top for Extended Life Resistant to Extreme Temperatures, Water and Grease		
Dimensions	1.25" x 8.25" x 2.75" (H x W x D)		
Weight	10.4 ounces		
Power	Provided by Controller		
Audio	On-board Annunciator		
Interface Options		PS/2	USB
	Connection	6-pin Mini DIN	Mini-B USB
	Maximum Distance	50 feet	15 feet
Environmental	Operating Temperature	0° – 60° Celsius	
	Storage Temperature	-20° – 95° Celsius	
	Humidity	10% - 95%, non-condensing	
	Altitude	15,000 feet	
Certifications	FCC Part 15, Class A, EN55024, WEEE, CE, EU RoHS, China RoHS, MIC		
Warranty	Limited 3-Year Hardware Warranty		

# KP-9000 Wireless Bump Bar



FEATURE	SPECIFICATION	
Input	10 x 2, 20-Key Membrane	
Key Rating	30 Million Pushes	
Mounting Options	Optional Bracketing Available	
Overlay Options	Customizable Keypad Overlays, Installs without Tools	
Features	Software Programmable Scan Codes Downloadable Firmware for Easy Updates and Support ConnectSmart ControlPoint Supported Battery Level Indication	
Chassis	Durable, Premium Grade Polycarbonate Metal Reinforced Top for Extended Life Resistant to Extreme Temperatures, Water and Grease	
Dimensions	1.25" x 8.25" x 2.75" (H x W x D)	
Weight	11.2 ounces (without batteries)	
Power	Two, Four or Six AAA Batteries	
Audio	On-board Annunciator	
Interface	Bluetooth Low Energy (BLE) via USB Dongle	
Range	Up to 30 feet, in direct line-of-sight	
Environmental	Operating Temperature	0° – 50° Celsius
	Storage Temperature	-20° – 95° Celsius
	Humidity	10% - 95%, non-condensing
	Altitude	15,000 feet
Certifications	FCC Part 15, Class A	
Warranty	Limited 3-Year Hardware Warranty	

# Controllers



# HP Thin Client



FEATURE	SPECIFICATION
Operating System	Microsoft Windows 10 IoT
Processor	AMD Ryzen™, R1505G 2.4GHz, 2 cores 4 threads
Memory Options	8GB DDR4 dual channel SDRAM
Storage	128GB M.2 SATA flash model
Networking	Realtek PCIe GbE Ethernet-Intel Wireless - AC9260 - Intel Wireless Bluetooth
I/O Ports	6 USB 3.0 1 USB-C Port 3 Display Port 1 HDMI 1 3.5 mm Microphone Jack 1 3.5 mm Audio Output
Boot Options	Hard Drive, External USB
Dimensions	35 x 196 x 196mm (W x D x H)
Weight	2.2 lbs.
Power	Power Surge and Overvoltage Protection External Switching Power Supply Input: 100-240 VAC, 50-60 Hz Output: 9 VDC, 2.0A Regulated
Environmental	10° – 40° Celsius
Certifications	EPEAT 2.0, RoHS2, ERP, TCO, CECP & SEPA, HP GSE, WEEE, Low Halogen, etc. UL, CB, GS, CCC, BSMI, FCC, CISPR, EN, VCCI, ICES, AS, NZS, CNS, KCC
Warranty	Limited 3-Year Hardware Warranty

# Elo Backpack 4



FEATURE	SPECIFICATION (VALUE MODEL)
Enclosure Color	Black
Operating System	Android 10
Processor	Rockchip RK3399
Memory (RAM)	4GB LPDDR4
Storage	32 GB
IO Ports	HDMI, 4x USB 3.0 support, Type C USB output, Micro SD slot, GPIO, Ethernet 1 x LAN (Gigabit), DC in
Wireless	802.11a/b/g/n/ac + Bluetooth 5.0; via external antenna
Max Resolutions	USB-C: 3840 x 2160 @60fps; HDMI: 3840 x 2160 @60fps
Power Input	AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz
Power Consumption	On: 3.2W; Off: 0.3W; Sleep: 2.1W
Dimensions	4.5" x 5.5" x 1.0" / 114 mm x 139 mm x 25.4 mm
Shipping Dimensions	Individual System: 14.6" x 8.2" x 2.4" / 371 mm x 208 mm x 62 mm 8 Systems in 1 Carton: 17.4" x 10.6" x 16.3" / 441 x 270 x 413 mm
Weight	Unpackaged: 0.82 lbs / 0.37 kg Packaged (Individual System): 2.51 lbs / 1.14 kg Packaged (8 Systems in 1 Carton): 22.38 lbs / 10.15 kg
Temperature	Operating: 0°C – 40°C (32°F – 104°F) Storage: -20°C – 50°C (-4°F – 122°F)
Humidity (non-condensing)	Operating: 20% to 80% Storage: 10% to 95%
Mounting Options	VESA 75mm and 100mm
Real-Time Clock	Lithium coin cell battery for real-time clock
Regulatory Approvals and Declarations	UL/cUL (US); FCC (US); IC (Canada); CE (Europe); CB (International); VCCI, MIC (Japan); RCM (Australia); IMDA (Singapore)
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
Warranty	2 years

[Get Started with Your Elo Backpack](#)

# HP Engage Flex Mini



FEATURE	SPECIFICATION
Operating System	Windows 10 Enterprise LTSC
Processor	10th Generation Intel® Core™ i3-10100T processor
Chipset	Intel® Q470
Memory	8GB DDR-4 SDRAM
Storage	500 GB SATA HDD
Graphics	Intel® UHD Graphics 630 Up to 1920x1080 @60Hz HDMI
Networking	Intel® I219 LM Gigabit Network Connection, Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5.1 M.2 combo, non-vPro®
I/O Ports	6 USB 3.0 1 USB-C Port 2 Display Port 1 HDMI 1 3.5 mm combo microphone/headphone jack
Boot Options	Hard Drive, External USB
Dimensions (WxDxH)	6.97 x 6.89 x 1.34 in; 17.7 x 17.5 x 3.4 cm
Weight	2.75 lb; 1.25 kg
Power	65 W external power adapter
Environmental	10° – 35° Celsius
Certifications	ENERGY STAR® certifies; EPEAT® 2019 registered where applicable, Low Halogen
Warranty	Limited 3-Year Hardware Warranty

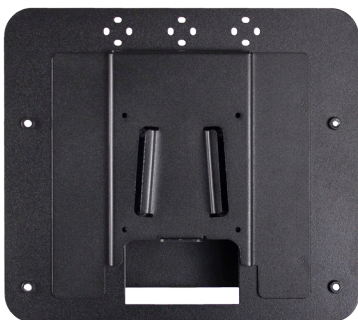
## Q Bracket Enclosure

The QR Bracket offers a streamlined mounting option that keeps everything stacked behind the monitor interchangeable. Modular components fit discreetly behind the monitor. Built in tie-wrap holes keep wires secure and out of sight. A quick release adapter allows monitors to be swapped out without the use of tools. Quick and easy installations as well as compact and sharp design make this bracket a favorite for kitchen hardware.



### FEATURES

- Strong rolled steel construction
- Durable powder-coating finish
- Table-top, ceiling, or wall mounting
- Standard 75 mm and 100 mm VESA mount
- Built-in cable management
- Modular controller, bump bar, and power supply brackets
- Adjustable height bump bar bracket
- Locking bump bar bracket
- Optional stainless steel bump bar mounting bracket
- Monitor quick-release





## Single Tablet Mounting Stand

Our versatile and durable mounting brackets are perfect for installing tablets in your restaurant. With tilting abilities and single and double screen models, these flexible mounts are the clear choice for any operation. The base stand works great whether directly connected to your tablet or when used with our available locking tablet enclosure for select iPad models.

- Strong galvanized steel base
- Durable powder-coating finish
- Table-top or wall mounting
- Tilt range of motion enables flexible viewing
- Supports both landscape and portrait mounting
- Standard 75 mm and 100 mm VESA mount
- Maximum weight per display – 5 lb (2.26 kg)
- Maximum display size – 15 in (38.1 cm)
- Available high grade aluminum locking enclosure for the iPad Air



## Dual Tablet Mounting Stand

Our versatile and durable mounting brackets are perfect for installing tablets in your restaurant. With tilting abilities and single and double screen models, these flexible mounts are the clear choice for any operation. The base stand works great whether directly connected to your tablet or when used with our available locking tablet enclosure for select iPad models.

### Features

- Strong galvanized steel base
- Durable powder-coating finish
- Table-top mounting
- Tilt range of motion enables flexible viewing
- Supports both landscape and portrait mounting
- Standard 75 mm and 100 mm VESA mount
- Maximum weight per display – 5 lb (2.26 kg)
- Maximum display size – 15 in (38.1 cm)
- Available high grade aluminum locking enclosure for the iPad Air

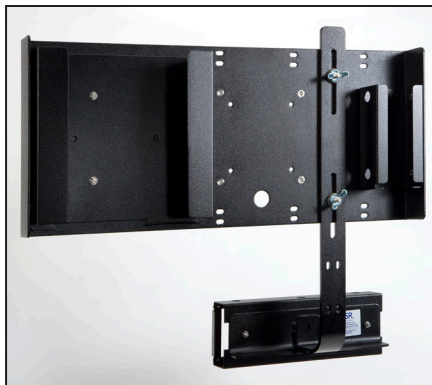


## Adapter Plate Enclosure

Our Adapter Plate bracket is a modular mounting option that allows your hardware to be spread along one sturdy plate instead of stacked directly behind the monitor. This orientation is great for closer-to-surface mounting in tighter spots as well as easier access to all the hardware and wires. Like all of our mounting options, quick installation and built in tie-wrap holes are key features that speak to the efficiency of this mounting option.

### Features

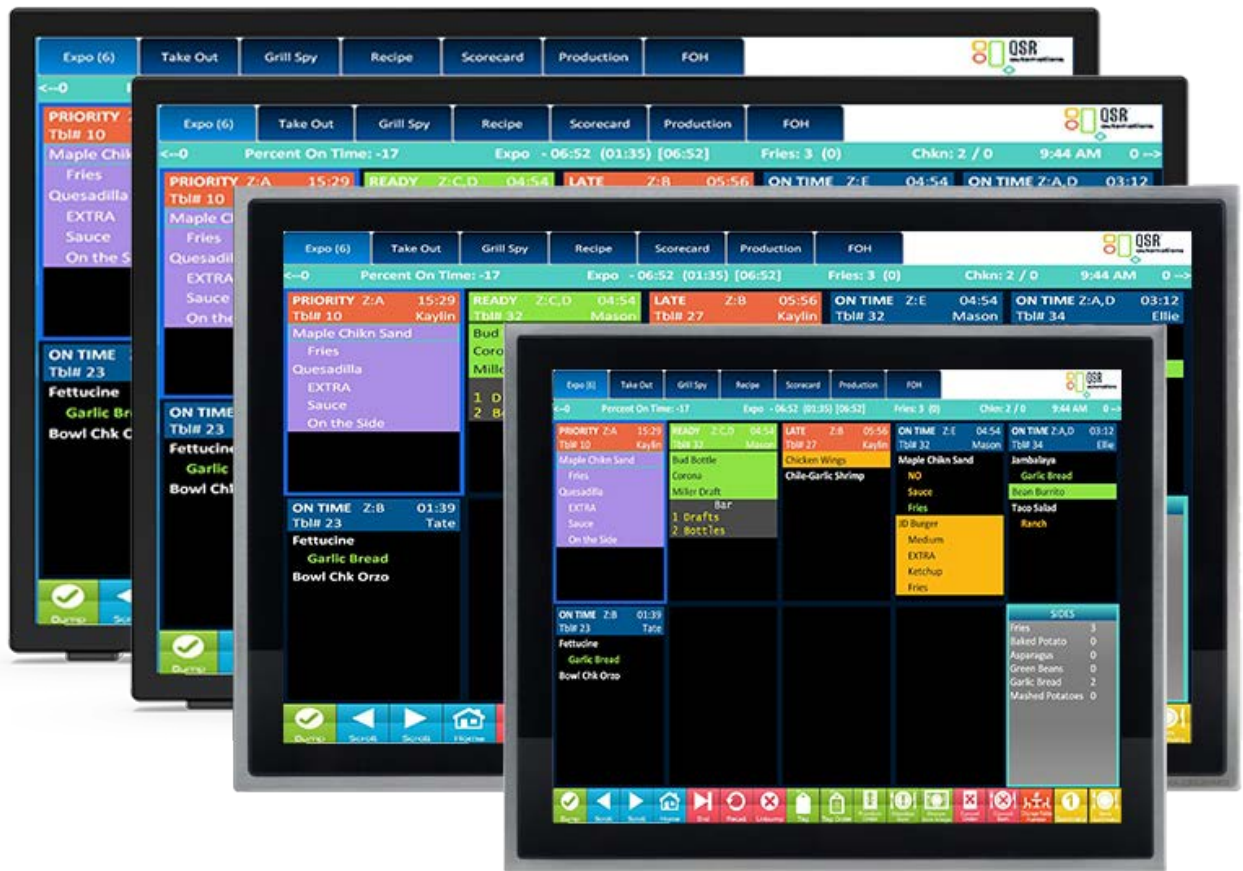
- Strong rolled steel construction
- Durable powder-coating finish
- Table-top, ceiling or wall mounting
- Standard 75 mm and 100 mm VESA mount
- Built-in cable management
- raludoM controller, bump bar and power supply brackets
- Adjustable height bump bar bracket
- Locking bump bar bracket
- Optional stainless steel bump bar mounting bracket





# Elo & Kitchen Armor

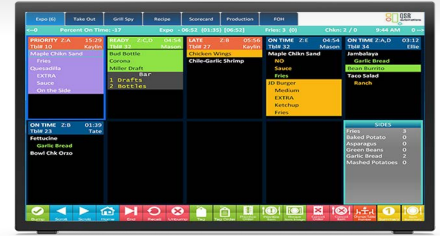
## Touchscreens



22" | 24"

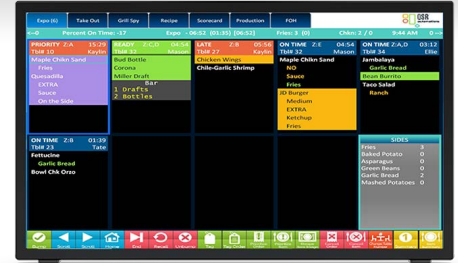
17" | 21.5"

# Elo 22" Touchscreen



FEATURE	SPECIFICATION
Active Area	18.74" x 10.54" / 476.06 mm x 267.79
Diagonal	21.5"
Aspect Ratio	16:9
Dimensions	19.87" x 11.91" x 1.63" / 504.7mm x 302.4mm x 41.3mm
Native Resolution	1920 x 1080 at 60Hz
Other Supported Resolutions	640 x 480 60 Hz, 640 x 400 70 Hz, 720 x 400 70 Hz, 800 x 500 60 Hz, 800 x 600 56 Hz & 60 Hz, 1024 x 768 60 Hz, 1280 x 720 58 Hz & 60 Hz, 1280 x 800 60 Hz, 1280 x 1024 60 Hz, 1366 x 768 60 Hz & 60 Hz RB, 1440 x 900 60 Hz & 60 Hz RB, 1680 x 1050 60 Hz & 60 Hz RB
Number of Colors	16.7 million
Number of Touches	PCAP (TouchPro® Projected Capacitive) - 10 Touch
Brightness (typical)	LCD Panel: 250 nits; TouchPro PCAP: 225 nits
Response (typical)	14 msec
Viewing Angle	Horizontal: +/- 89° or 178° ; Vertical: +/- 89° or 178°
Contrast Ratio	1000:1
On-Screen Display	Accessible through touch OSD, and press Menu button to pop up touch OSD diagram <b>Controls:</b> Menu, Power <b>Settings:</b> Brightness, Contrast, Video Priority, Clock, Phase, H-position, V-position, Auto-Adjust, Color Temperature, Low Blue Light, Volume, Mute, Audio Source Select, Line-in/Headphone Out, OSD Timeout, OSD Language, Aspect Ratio, Sharpness, Touch on Sleep mode ON/OFF, Power LED ON/OFF, Recall Defaults <b>Languages:</b> English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese <b>Lockouts:</b> OSD, Power
Video	HDMI
Power	AC power input connector (IEC 60320 C6) AC input voltage range: 100-240 VAC, 50/60 Hz
Power Consumption	Only display & touch function available: ON (Default - 80% Brightness) 12.2 W      ON (Typical - 100% Brightness): 13.8 W SLEEP: 0.5 W      OFF: 0.16 W
Temperature	Operating 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	Operating 20% to 80%; Storage: 10% to 95% (38.7°C max wet bulb temperature)
Mounting Options	VESA 4-hole 100mm mounting interface on rear of unit
Warranty	3-year
MTBF	50,000 hours demonstrated
Agency Approvals	AR; CUL, IC; CCC; CE; UKCA; KCC; BSMI; FCC, UL; VCCI, PSE; CB; RCM; EAC CoC; RoHS, China RoHS, WEEE, REACH
What's Included	2270L Touchmonitor, Quick Install Guide, HDMI Cable, Touch USB Cable, NA Power Cable, EU Power Cable, EEI Label (EU), 2x EEI Label (UK), 2x Replace foot cover, 5x Cable tie

# Elo 24" Touchscreen



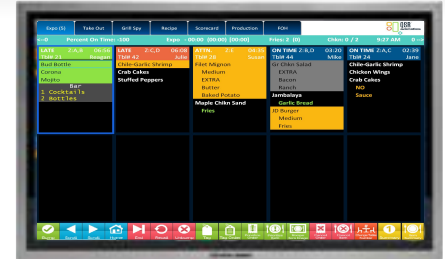
FEATURE	SPECIFICATION
Active Area	20.75" x 11.67" / 527.04 mm x 296.46 mm
Diagonal	23.8"
Aspect Ratio	16:9
Dimensions	21.66" x 12.96" x 1.65" / 550.2mm x 329.3mm x 41.8mm
Native Resolution	1920 x 1080 at 50, 60Hz
Other Supported Resolutions	640 x 480 60 Hz, 640 x 400 70 Hz, 720 x 400 70 Hz, 800 x 500 60 Hz, 800 x 600 56 Hz & 60 Hz, 1024 x 768 60 Hz, 1280 x 720 58 Hz & 60 Hz, 1280 x 800 60 Hz, 1280 x 1024 60 Hz, 1366 x 768 60 Hz & 60 Hz RB, 1440 x 900 60 Hz & 60 Hz RB, 1680 x 1050 60 Hz & 60 Hz RB
Number of Colors	16.7 million
Number of Touches	PCAP (TouchPro® Projected Capacitive) - 10 Touch
Brightness (typical)	LCD Panel: 250 nits; TouchPro PCAP: 225 nits
Response (typical)	16 msec
Viewing Angle	Horizontal: +/- 89° or 178° ; Vertical: +/- 89° or 178°
Contrast Ratio	1000:1
On-Screen Display	Accessible through touch OSD, and press Menu button to pop up touch OSD diagram <b>Controls:</b> Menu, Power <b>Settings:</b> Brightness, Contrast, Video Priority, Clock, Phase, H-position, V-position, Auto-Adjust, Color Temperature, Low Blue Light, Volume, Mute, Audio Source Select, Line-in/Headphone Out, OSD Timeout, OSD Language, Aspect Ratio, Sharpness, Touch on Sleep mode ON/OFF, Power LED ON/OFF, Recall Defaults <b>Languages:</b> English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese <b>Lockouts:</b> OSD, Power
Video	HDMI
Power	AC power input connector (IEC 60320 C6) AC input voltage range: 100-240 VAC, 50/60 Hz
Power Consumption	Only display & touch function available: ON (Default - 80% Brightness) 14.5 W      ON (Typical - 100% Brightness): 16.7 W SLEEP: 0.5 W      OFF: 0.16 W
Temperature	Operating 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	Operating 20% to 80%; Storage: 10% to 95% (38.7°C max wet bulb temperature)
Mounting Options	VESA 4-hole 100mm mounting interface on rear of unit
Warranty	3-year
MTBF	50,000 hours demonstrated
Agency Approvals	AR; CUL, IC; CCC; CE; UKCA; KCC; BSMI; FCC, UL; VCCI, PSE; CB; RCM; EAC CoC; RoHS, China RoHS, WEEE, REACH
What's Included	2270L Touchmonitor, Quick Install Guide, HDMI Cable, Touch USB Cable, NA Power Cable, EU Power Cable, EEI Label (EU), 2x EEI Label (UK), 2x Replace foot cover, 5x Cable tie

# Kitchen Armor 17" Touchscreen



FEATURE	SPECIFICATION
Material	Stainless Steel
Active Display Area	13.3" x 10.6" / 337.92mm x 270.336mm
Diagonal	17"
Aspect Ratio	5:4
Dimensions	15.87" x 9.85" x 1.82" / 400.81mm x 250.19mm x 46.28mm
Native Resolution	1280 x 800 at 60Hz
Other Supported Resolutions	640 x 480 at 60Hz; 720 x 400 at 70Hz; 800 x 500 at 60Hz; 800 x 600 at 56, 60Hz; 1024 x 768 at 60Hz
Number of Colors	16.7 million
Number of Touches	Single-touch and 10-Touch
Brightness (typical)	LCD Panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; TouchPro PCAP: 225 nits
Response (typical)	5msec
Viewing Angle	Horizontal: 85 /170 ; Vertical: 85 /160
Contrast Ratio	1000:1
On-Screen Display	<p>Accessible through switches on the unit's tethered OSD Control box</p> <p><b>Controls:</b> Menu, Up, Down, Select, Power</p> <p><b>Settings:</b> Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD V-Position, Recall Defaults, Video Priority, Information, Touch On Sleep Mode, Touch Through</p> <p><b>Languages:</b> English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese</p> <p><b>Lockouts:</b> OSD, Power</p>
Video	HDMI
Power	<p>External DC - power brick</p> <p><b>Monitor input power connector:</b> Coaxial power jack (2.0mm (+0.0 - 0.1mm) pin outer diameter, 6.4 mm (+/- 0.3mm) barrel inner diameter, 8.8mm (+/- 0.3mm) barrel depth)</p> <p><b>Monitor input power signal specifications:</b> 12VDC +/- 5%</p>
Power Consumption	ON (monitor + power brick): 17.8W SLEEP (monitor + power brick): 1.5W OFF (monitor + power brick): 0.5W
Temperature	Operating 0° to 40° (32° to 104°); Storage: -20° to 60° (-4° to 140°)
Humidity	Operating 20% to 80%; Storage: 10% to 95%
Mounting Options	100mm VESA mount
Warranty	1 Year Limited Warranty
MTBF	50,000 hours demonstrated
Agency Approvals	UL, FCC; RCM; cUL, IC; CCC; CE, TUV; VCCI; KCC; CoC; BSMI; CB, RoHS, China RoHS, WEEE, IMERC
What's Included	Power Brick, US Standard Power Cable, HDMI Cable, VGA Cable, Touch USB Cable, User Manual CD & Quick Install Guide, EEI Label

# Kitchen Armor 21.5" Touchscreen



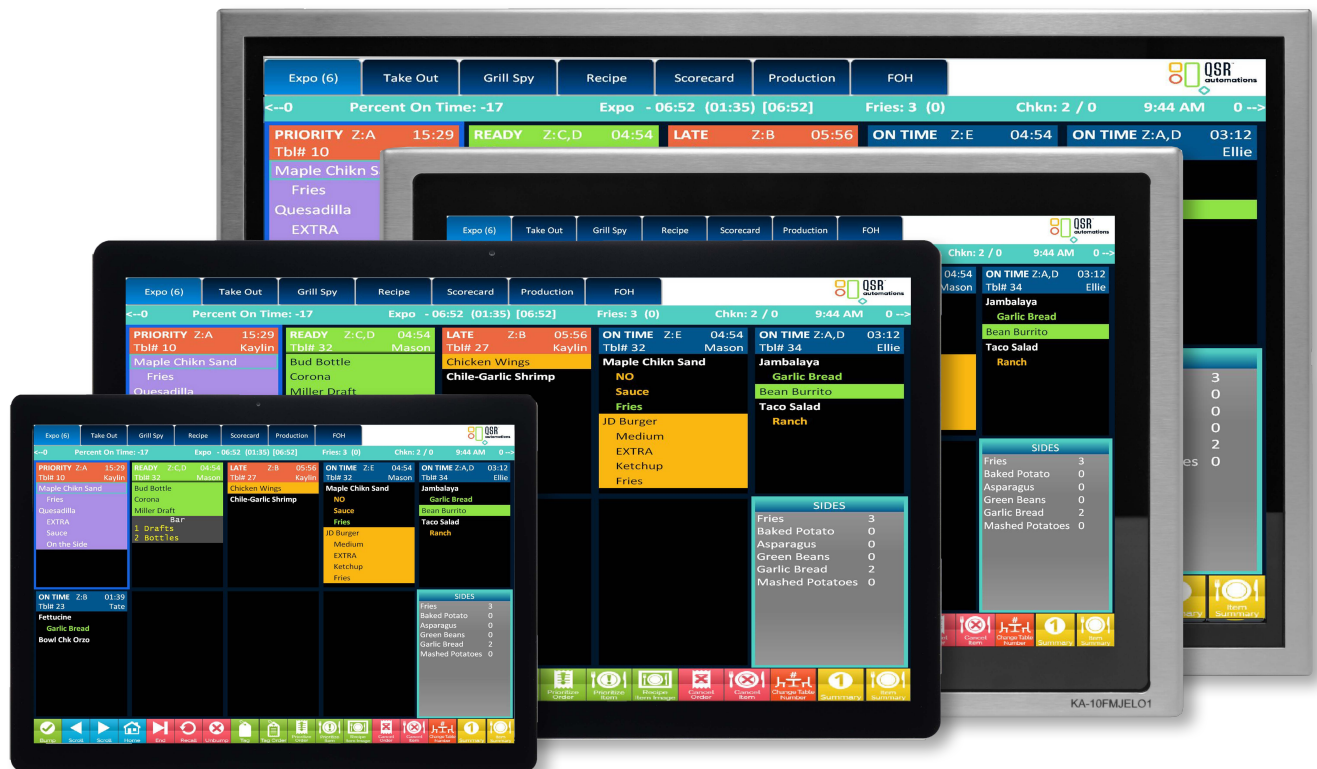
FEATURE	SPECIFICATION
Material	Stainless Steel
Active Display Area	18.76" x 10.55" / 476.64mm x 268.11mm
Diagonal	21.5"
Aspect Ratio	16:9
Dimensions	20.56" x 12.49" x 1.60" / 522.22mm x 317.25mm x 40.64mm
Native Resolution	1920 x 1080 at 50, 60Hz
Other Supported Resolutions	1024 x 768 at 60Hz; 1280 x 800 at 60Hz; 1280 x 1024 at 60Hz; 1366 x 768 at 60Hz, 60Hz RB; 1680 x 1050 at 60Hz, 60Hz RB
Number of Colors	16.7 million
Number of Touches	Single-touch and 10-Touch
Brightness (typical)	LCD Panel: 250 nits; IntlliTouch: 225 nits; IntlliTouch Dual-Touch: 225 nits; TouchPro PCAP: 225 nits
Response (typical)	5msec
Viewing Angle	Horizontal: 85 /170 ; Vertical: 80 /160
Contrast Ratio	1000:1
On-Screen Display	Accessible through switches on the unit's tethered OSD Control box <b>Controls:</b> Menu, Up, Down, Select, Power <b>Settings:</b> Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD V-Position, Recall Defaults, Video Priority, Information, Touch On Sleep Mode, Touch Through <b>Languages:</b> English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese <b>Lockouts:</b> OSD, Power
Video	HDMI
Power	External DC - power brick <b>Monitor input power connector:</b> Coaxial power jack (2.0mm (+0.0 - 0.1mm) pin outer diameter, 6.4 mm (+/- 0.3mm) barrel inner diameter, 8.8mm (+/- 0.3mm) barrel depth) <b>Monitor input power signal specifications:</b> 12VDC +/- 5%
Power Consumption	ON (monitor + power brick): 19W SLEEP (monitor + power brick): 1.5W OFF (monitor + power brick): 0.5W
Temperature	Operating 0° to 40° (32° to 104°); Storage: -20° to 60° (-4° to 140°)
Humidity	Operating 20% to 80%; Storage: 10% to 95%
Mounting Options	100mm VESA mount
Warranty	1 Year Limited Warranty
MTBF	50,000 hours demonstrated
Agency Approvals	UL, FCC; RCM; cUL, IC; CCC; CE, TUV; VCCI; KCC; CoC; BSMI; CB, RoHS, China RoHS, WEEE, IMERC
What's Included	Power Brick, US Standard Power Cable, HDMI Cable, VGA Cable, Touch USB Cable, User Manual CD & Quick Install Guide, EEI Label





# Elo & Kitchen Armor

## All-In-One



10" | 15" | 22"

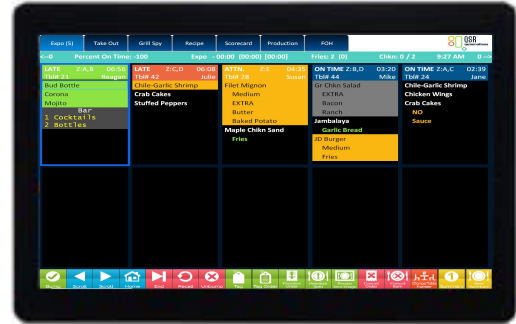
15.6" | 21.5"

# Elo 10" All-in-One



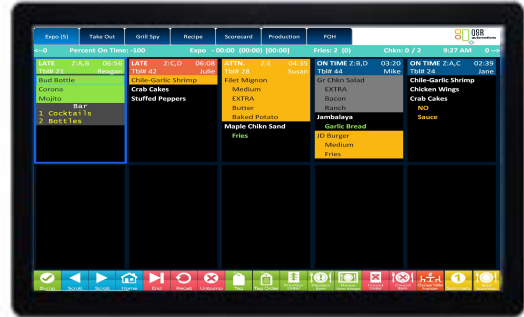
FEATURE	SPECIFICATION
Operating System	Android™ 10
Processor	Value Model: Rockchip RK3399
Memory	4GB
Storage	32GB SSD
I/O Ports	Ethernet 1x LAN Gigabit, 1x USB 3.0 support (900mA), Type C USB output, Micro SD slot, GPIO
Speakers	Two 2W stereo internal
Wireless	802.11 a/b/g/n/ac + Bluetooth 5.0
Touch Technology	PCAP (TouchPro® Projected Capacitive) - 10 Touch
Number of Colors	8-bit (16.7 million)
Brightness	TouchPro PCAP: 250 nits, LCD Panel: 300 nits
Response Time	25 ms
Contrast Ratio	800:1
Power	AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz
Aspect Ratio	16:10
Dimensions (W x D x H)	9.96" x 6.65" x 0.87" (252.9mm x 169.0mm x 22.1mm)
Weight	4.9 lbs (2.2 kg)
Temperature	32°F to 104°F (0°C to 40°C)
Mounting Options	VESA 75mm
Peripheral Mounting	Not available
Warranty	2 year
Regulatory Approvals	UL/cUL (US); FCC (US); IC (Canada); CE (Europe); CB (International); VCCI, MIC (Japan); RCM (Australia)
Supported Countries	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, Brazil

# Elo 15" All-in-One



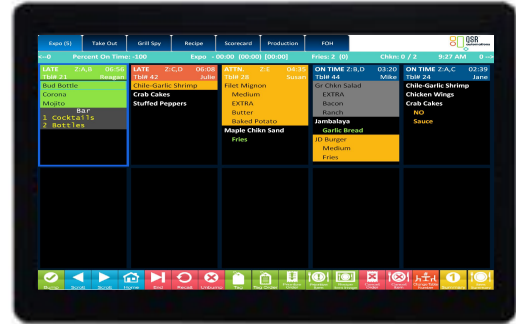
FEATURE	SPECIFICATION
Operating System	Android™ 10
Processor	Value Model: Rockchip RK3399
Memory	4GB
Storage	32GB SSD
I/O Ports	Ethernet 1x LAN Gigabit, 1x USB 3.0 support (900mA), Type C USB output, Micro SD slot, GPIO
Speakers	Two 2W stereo internal
Wireless	802.11 a/b/g/n/ac + Bluetooth 5.0
Touch Technology	PCAP (TouchPro® Projected Capacitive) - 10 Touch
Number of Colors	8-bit (16.7 million)
Brightness	TouchPro PCAP: 250 nits, LCD Panel: 300 nits
Response Time	25 ms
Contrast Ratio	800:1
Power	AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz
Aspect Ratio	16:10
Dimensions (W x D x H)	15.23" x 9.77" x 1.11" (386.74mm x 248.17mm x 28.3mm)
Weight	Unpackaged: 3.5 lbs (1.59 kg) Packaged: 7.20 lbs (3.27 kg)
Temperature	32°F to 104°F (0°C to 40°C)
Mounting Options	VESA 75mm
Peripheral Mounting	Not available
Warranty	2 year
Regulatory Approvals	UL/cUL (US); FCC (US); IC (Canada); CE (Europe); CB (International); VCCI, MIC (Japan); RCM (Australia)
Supported Countries	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, Brazil

# Elo 22" All-in-One



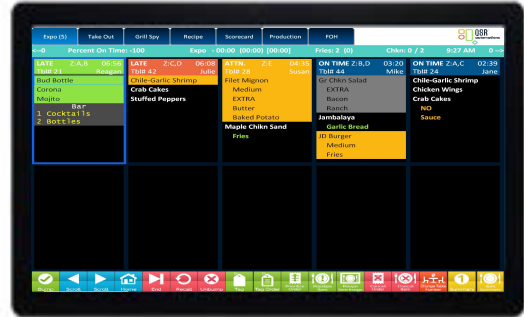
FEATURE	SPECIFICATION
Operating System	Android™ 10
Processor	Value Model: Rockchip OK3399
Memory	4GB
Storage	32GB SSD
Speakers	Two 2W stereo internal
I/O Ports	Ethernet 1x LAN Gigabit, 1x USB 3.0 Support (900mA), Type C USB output, Micro SD slot, GPIO
Wireless	802.11 a/b/g/n/ac + Bluetooth 5.0
Touch Technology	PCAP (TouchPro® Projected Capacitive) - 10 Touch
Number of Colors	8-bit (16.7 million)
Brightness	TouchPro PCAP: 215 nits, LCD Panel: 300 nits
Response Time	5 ms
Contrast Ratio	1000:1
Power	AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz
Aspect Ratio	16:10
Dimensions (W x D x H)	20.66" x 12.79" x 1.17" (524.8mm x 324.8mm x 29.7mm)
Weight	9.5 lbs (4.3 kg)
Temperature	32°F to 104°F (0°C to 40°C)
Mounting Options	VESA 75mm
Peripheral Mounting	Not available
Warranty	2 year
Regulatory Approvals	UL/cUL (US); FCC (US); IC (Canada); CE (Europe); CB (International); VCCI, MIC (Japan); RCM (Australia)
Supported Countries	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, Brazil

# Elo 15" Windows All-in-One



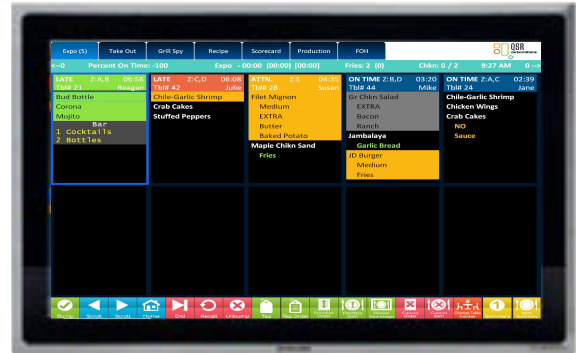
FEATURE	SPECIFICATION
Operating System	Windows 10 IoT
Processor	Intel® Celeron® J4125 Processor (4M Cache, up to 2.7 GHz)
Memory	Celeron: 4GB 2666MHz DDR4 SO-DIMM on 1 of 2 slots (Expandable to 8GB maximum on 2 slots)
Storage	128GB M.2 SATA SSD 72 TBW
I/O Ports	1 x LAN RJ45 (Gigabit), 1 x USB 3.0, 4 x Micro USB 2.0 on edges for optional Elo Edge Connect peripherals
Speakers	2 x 2W internal speakers
Wireless	Wi-Fi 802.11 a/b/g/n/ac 2.4GHz and 5GHz
Touch Technology	PCAP (TouchPro® Projected Capacitive) - 10 Touch
Brightness	LCD panel: 300 nits; TouchPro PCAP: 270 nits
Response Time	25 msec
Contrast Ratio	700:1
Power	External USB-C power supply brick, AC input voltage: 100-240 VAC, Input frequency: 50-60 Hz
Aspect Ratio	16:9
Dimensions (W x D x H)	15.13" x 9.7" x 1.72"
Weight	Packaged: 9.5 lbs / 4.3 kg Unpackaged: 4.9 lbs / 2.2 kg
Temperature	Operating: 0°C to 35°C / 32°F to 95°F; Storage: -20°C to 60°C / -4°F to 140°F
Mounting Options	75mm VESA mount
Warranty	3 year
Regulatory Approvals	UL/cUL, FCC, TUV, CE, CB, UKCA, Mexico NOM, C-Tick/RCM, VCCI, Argentina S-Mark, CCC

# Elo 22" Windows All-in-One



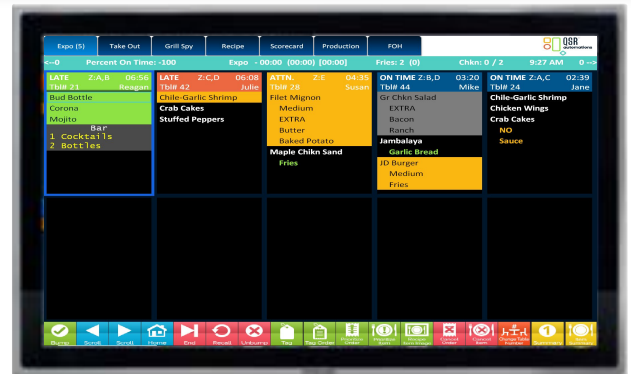
FEATURE	SPECIFICATION
Operating System	Windows 10 IoT
Processor	Intel® Celeron® J4125 Processor (4M Cache, up to 2.7 GHz)
Memory	Celeron: 4GB 2666MHz DDR4 SO-DIMM on 1 of 2 slots (Expandable to 8GB maximum on 2 slots)
Storage	128GB M.2 SATA SSD 72 TBW
Speakers	2 x 2W internal speakers
I/O Ports	1 x LAN RJ45 (Gigabit), 1 x USB 3.0, 4 x Micro USB 2.0 on edges for optional Elo Edge Connect peripherals
Wireless	Wi-Fi 802.11 a/b/g/n/ac 2.4GHz and 5GHz
Touch Technology	PCAP (TouchPro® Projected Capacitive) - 10 Touch
Brightness	LCD panel: 250 nits; TouchPro PCAP: 225 nits
Response Time	14 msec
Contrast Ratio	1000:1
Power	External USB-C power supply brick, AC input voltage: 100-240 VAC, Input frequency: 50-60 Hz
Aspect Ratio	16:9
Dimensions (W x D x H)	20.7" x 12.57" x 2.07"
Weight	Packaged: 15.4 lbs / 7 kg Unpackaged: 11.5 lbs / 5.2 kg
Temperature	Operating: 0°C to 35°C / 32°F to 95°F; Storage: -20°C to 60°C / -4°F to 140°F
Mounting Options	75mm or 100mm VESA mount
Warranty	3 year
Regulatory Approvals	UL/cUL, FCC, TUV, CE, CB, UKCA, Mexico NOM, C-Tick/RCM, VCCI, Argentina S-Mark, CCC

# Kitchen Armor 15.6" All-in-One



FEATURE	SPECIFICATION
Material	2 mm strengthen glass
Active Display Area	13.55" x 7.62" / 344.16 mm x 193.59 mm
Diagonal	15.6"
Aspect Ratio	16:9
Dimensions	15.44" x 9.63" x 1.63" / 392.18 mm x 244.60 mm x 41.40 mm
Weight	8.45 lbs / 3.83 kgs
Native Resolution	1920 x 1080 at 60Hz
Color Depth	262 K
Touch	Technology: PCAP   Resolution: 4096 x 4096   # of Touches: 10-Touch   Accuracy: 2mm   Response Time: 10 msec
Input Method	Finger, Touch Pen, Gloved Hand
CPU	Rk3288
Memory	2G
Storage	8G
Operating system	Android 10
Networking	10/100 Ethernet LAN
Brightness (typical)	215 nits
Response (typical)	30 msec
Viewing Angle	Horizontal: 85 or 170 total; Vertical: 85 or 170 total
Contrast Ratio	800:1
Light Transmission	86%
Power Supply	POE+ / External 12V DC Power Adapter
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	Operating: 20% to 80%; Storage: 10% to 90%
Mounting Options	100 mm VESA mount
IP	IP 65
Certifications	CE, FCC
Warranty	3 year

# Kitchen Armor 21.5" All-in-One



FEATURE	SPECIFICATION
Material	Stainless Steel, 3.0mm strengthen glass
Active Display Area	18.77" x 10.56" / 476.64mm x 268.11 mm
Diagonal	21.5"
Aspect Ratio	16:9
Dimensions	20.83" x 12.6" x 1.94" / 529mm x 320mm x 49.2mm
Weight	16.3 lbs / 7.39 kgs
Native Resolution	1920 x 1080 at 60Hz
Color Depth	16.7 million
Touch	Technology: PCAP   Resolution: 4096 x 4096   # of Touches: 10-Touch   Accuracy: 2mm   Response Time: 10 msec
Input Method	Finger, Touch Pen, Gloved Hand
CPU	RK3399
Memory	4G
Storage	16G
Operating system	Android 10
Networking	10/100 Ethernet LAN
Brightness (typical)	250 nits
Response (typical)	10 msec
Viewing Angle	Horizontal: 89 or 178 total; Vertical: 89 or 178 total
Contrast Ratio	3000:1
Light Transmission	86%
Power Supply	POE+ / External 12V DC Power Adapter
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	Operating: 20% to 80%; Storage: 10% to 90%
Mounting Options	100 mm VESA mount
IP	IP 65 Front Side, IP67 Industrial RJ45 jack available (POE only)
Certifications	CE, FCC
Warranty	3 year