

## Element 455

15.1" and 18.5" POS Terminal



Element 455, 15.1" and 18.5" is a modular all-in-one POS Terminal, equipped with a VESA mount bracket in both the back cover and the stand. The aesthetic design of the chassis and the seamless integration of modular peripherals such as MSR, iButton, Fingerprint, Second Display and Customer Display make it the perfect unit for the retail, hospitality or digital signage industries where you need larger format displays to suit your applications.

- > 15.1" or 18.5" True-Flat PCAP Touch Display
- > Intel Tiger Lake or Elkhart Lake Processor
- > MSR/ iButton/ Fingerprint Available
- > 2nd Display and Customer Display Available
- > High Flexibility with Foldable Stand
- > Customer Display Options (CDU) Available



Fanless & Silent



15.1", 15.6" and 18.5" Touch Display Options available

*\*For 15.6" widescreen refer to 455W Brochure*



Optional stand

# Technical Specifications - Element 455 15.1" and 18.5"

Item	Parameter		
<b>System</b>	Model	<b>455</b>	<b>455</b>
	Motherboard	F34	F84U
	Processor	Intel® Elkhart Lake Celeron J6412 2.6GHz	Intel® Tiger Lake i3-1115G4
	Chipset	CPU Integrated	
	OS	Windows 10 IoT Enterprise, Linux	
	System Memory	4GB DDR4 (Max 32GB)	4GB DDR4 (Max 32GB)
	Storage Device	128GB SSD (M.2)	128GB SSD (M.2) MAX 256GB
	Graphic Engine	Intel HD Graphic DirectX 12, OpenCL 1.2, OpenGL 4.5, OpenGL-ES 3.2 and Vulkan 1.1	Intel Graphic (Gen 9) DX12, define on CPU
<b>LCD Touch Panel</b>	LCD Size	15" TFT LCD	15" TFT LCD
	Aspect Ratio	4:3	4:3
	Resolution	1024 x 768	1024 x 768
	Brightness	350 nits	350 nits
	Touch Screen	True-Flat PCAP Touch	True-Flat PCAP Touch
<b>Expansion</b>	miniPCI-E Socket	1	1
<b>External I/O Ports</b>	USB Type-A	2x USB.3.0, 2x USB2.0	2x USB.3.0, 2x USB2.0
	USB Type-C	1x USB.2.0 (data only) 1x USB 3.0 (data only)	1x USB.3.0 (data only) 1x USB 3.0 (full-featured)
	Serial Port	2x DB9 (default 0V; COM1/COM2: 0V, 5V, 12V)	2x DB9 (default 0V; COM1/COM2: 0V, 5V, 12V)
	LAN	1x RJ45	1x RJ45
	Cash Drawer	1x RJ11 (12V/24V)	1x RJ11 (12V/24V)
	VGA	1 X Fedp port	1 X Fedp port
	DC Jack	1x 4 pin w/ lock	1x 4 pin w/ lock
<b>Optional I/O</b>	Powered USB	1x Powered USB 12V, 1x Powered USB 24V	1x Powered USB 12V, 1x Powered USB 24V
	RUSB	In stand	In stand
<b>Audio</b>	Internal Speaker	1x 3W (Option)	1x 3W (Option)
<b>Indicator</b>	LED Indicator	1	1
<b>Power</b>	Power Supply	65W / 19V	120W / 19V
<b>Communiaction</b>	WLAN + BT (Optional)	WiFi+BT USB dongle (Optional)	
<b>Peripheral (option)</b>	MSR	3-Track MSR (USB)	
	iButton	iButton (USB)	
	Fingerprint	Fingerprint Reader (USB)	
	2nd Display	11.6" (touch optional)	
	Customer Display	LCM display 2 x 20 characters (USB)	
<b>Certificate</b>	EMC & Safety	FCC Class A, CE Mark, LVD	
<b>Environment</b>	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	
<b>Dimension (WxDxH)</b>	360 x 203 x 277 mm (14.2" x 8.0" x 10.9")		
<b>Weight</b>	4.3kg (9.5 lbs)		
<b>Mounting</b>	VESA Mount 100 x 100		
<b>Warranty</b>	36 Months		

\* Specifications may change without notification (E&OE)