

Element 455W

15.6" Widescreen POS Terminal



Element 455W, 15.6" 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.

- > 15.6" 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



15.6" Touch Display



2nd Display Option available



Optional stand

Technical Specifications - Element 455W 15.6"

Item	Parameter		
System	Model	455W	455W
	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	8GB DDR4 (Max 32GB)	8GB 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
LCD Touch Panel	LCD Size	15.6" TFT LCD	15.6" TFT LCD
	Aspect Ratio	16:9	16:9
	Resolution	1920 x1080	1920x1080
	Brightness	220 nits	220 nits
	Touch Screen	True-Flat PCAP Touch	
Expansion	miniPCI-E Socket	1	
External I/O Ports	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)	
	LAN	1x RJ45	
	Cash Drawer	1x RJ11 (12V/24V)	
	VGA	1 X Fedp port	
	DC Jack	1x 4 pin w/ lock	
Optional I/O	Powered USB	1x Powered USB 12V, 1x Powered USB 24V	
	RUSB	In display	
Audio	Internal Speaker	1x 3W	1x 3W (Option)
Indicator	LED Indicator	1	
Power	Power Supply	65W / 19V	120W / 19V
Communiaction	WLAN + BT (Optional)	WiFi+BT USB dongle (Optional)	
Peripheral (option)	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)	
Certificate	EMC & Safety	FCC Class A, CE Mark, 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	
Dimension (WxDxH)	369 x 209 x 264 mm (14.5" x 8.2" x 10.4")		
Weight	4.3kg (9.5 lbs)		
Mounting	VESA Mount 100 x 100		
Warranty	36 Months		

* Specifications may change without notification (E&OE)