

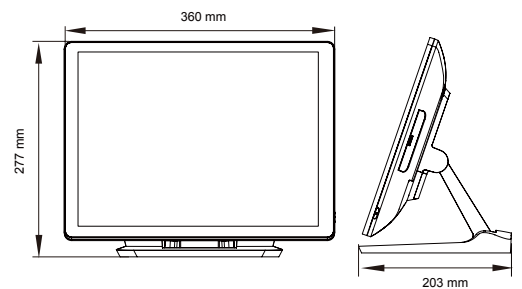
## Element 455

POS Touch Terminal



The Element 455 is an elegant next generation 15" All-in-One POS Terminal. Its clean look and durable construction integrates well into a wide range of customer facing environments including retail and hospitality. It offers superior serviceability and upgradability and can easily convert between desktop use and wall-mount use (VESA mount in both the back cover and stand). Seamless integration of modular peripherals such as MSR, iButton, Fingerprint, and multiple customer facing display options are available.

- > 15" True-Flat PCAP Touch
- > Intel Bay Trail or Skylake U Processor
- > Fanless and Silent
- > Modular design for easy serviceability
- > High flexibility with foldable stand
- > MSR / iButton / Fingerprint available
- > 2nd Display and Customer Display Available



Modular design peripherals for easy serviceability



High flexibility with foldable stand

# Technical Specifications - Element POS455

	Item	Parameter	
		D36	D86U
<b>Motherboard</b>	Processor	Intel Bay Trail CPU Celeron J1900 2.4GHz	Intel Skylake U CPU Celeron 3955U 2GHz, LLC 2M (15W, EIA) i3-6100U 2.3GHz, LLC 3M (15W, EIA)
	Chipset	CPU Integrated	
	System Memory	1x DDR3L SO-DIMM up to 8GB	
	Graphic Engine	Intel HD Graphic DX11 and OCL1.1	Intel HD Graphic DX12 and OCL4.2
<b>LCD Touch Panel</b>	LCD Size	15" TFT LCD	
	Brightness	300 nits	350 nits
	Resolution	1024 x 768	
	Touch Screen	True Flat PCAP Touch	
	Tilt Adjustment	0° ~ 90°	
<b>Storage Device</b>	Hard Drive	1x 2.5" SATA HDD	
	Flash Memory	1x SATA SSD card (Option)	
<b>Expansion</b>	miniPCI-E Socket	1	
<b>External I/O Ports</b>	USB	1x USB3.0, 4x USB 2.0	4x USB3.0, 2x USB2.0
	Serial Port	3x RJ45 (powered RS232) (default 0V; COM1,COM2 0V/5V; COM3 0V/12V)	
	LAN	1x RJ45	
	Cash Drawer	1x RJ11	
	VGA	1x DB15	
	DC Jack	1x 4 pin w/ lock	
<b>Optional I/O</b>	Powered USB	1x Powered USB 12V, 1x Powered USB 24V	
<b>Audio</b>	Internal Speaker	2x 2W (Option)	
<b>Indicator</b>	Indicator LED	1	
<b>Power</b>	Power Supply	65W / 19V (120W / 19V with PUSB 12V & 24V)	90W / 19V (120W / 19V with PUSB 12V & 24V)
<b>Communication</b>	WLAN + BT	802.11 a/b/g/n/ac WLAN card + BT 4.0 (Option)	
<b>Peripheral (option)</b>	MSR	3-Track MSR (USB)	
	iButton	iButton (USB) (either iButton or Fingerprint)	
	Fingerprint	Fingerprint Reader (USB)	
	2nd Display	8.4" without touch	
	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>Mounting</b>		VESA Mount 100 x 100 mm for Panel PC Type	
<b>Dimension (WxDxH)</b>		360 x 203 x 277 mm (14.2" x 8.0" x 10.9")	
<b>Weight</b>		4.3 kg (9.5 lbs)	
<b>OS Supported</b>		Windows 7 OEM, POSReady 7, Windows Retail, Embedded 8.1 Retail, Windows 10 IoT, Linux	Windows 7 OEM, POSReady 7, Windows Embedded 8.1, Windows 10 IoT, Linux