

element<sup>TM</sup>  
EVOLUTION

# ELEMENT EV770

## ALL-IN-ONE

Touch Terminal | Panel PC | Touch Monitor | POS PC

---

THE EVOLUTION OF DESIGN, QUALITY AND PURPOSE

The future of POS technology is here. With an ultra-slim profile and premium metallic body, the Element Evolution EV770 is an innovative, adaptable technology platform. Purpose-designed to excel in a diverse range of environments, it's the ultimate POS solution for retail and hospitality settings.

[www.elementpos.co](http://www.elementpos.co)

# INDUSTRY-LEADING MULTI-CONFIGURATION DESIGN

The Element EV770 is a sleek, stylish and versatile 15.6" platform that can be physically transformed to ensure the right form factor for virtually any application, providing unprecedented modular flexibility.

Through its groundbreaking multi-configuration design using a single USB-C cable, the Element EV770 can be quickly and easily converted from a POS terminal to a panel PC, a touch monitor or a small-form-factor box PC. It can also be configured as a standalone POS, all-in-the-head panel PC or distributed system; alternatively, each component can simply be utilised on its own.

The Element EV770 provides a single platform to meet the needs of retail, hospitality, both quick-service and traditional restaurants, bars, clubs, grocery stores and more. This revolutionary technology platform is built to deliver an exceptional customer experience across a multitude of functions and designed to evolve with the changing needs of your business.

“  
*Design is thinking made visible*  
”  
Saul Bass

## MULTIFUNCTIONAL PURPOSE

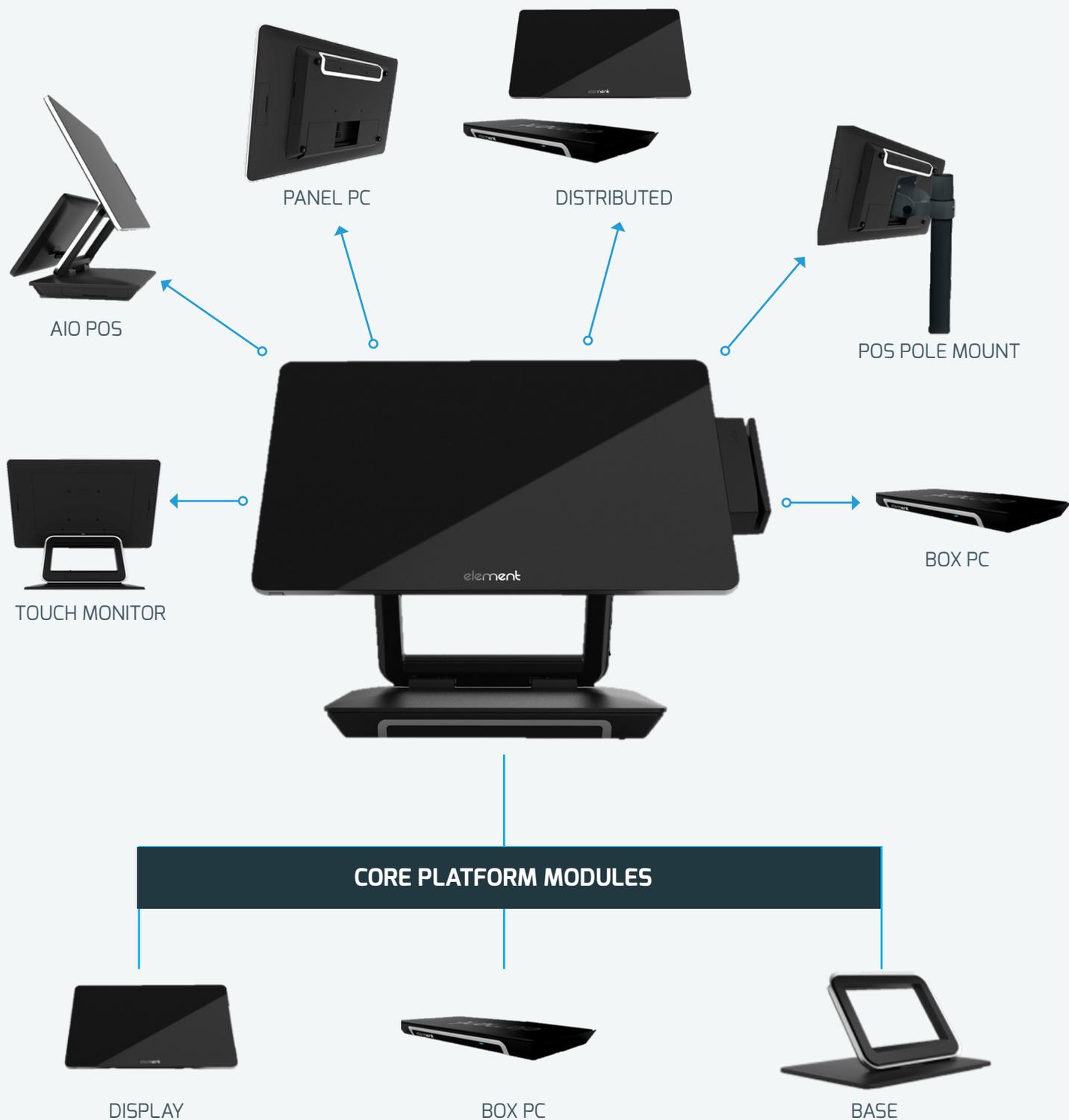
### ONE PLATFORM, COUNTLESS APPLICATIONS

In a retail or hospitality environment, the Element EV770 can be customised with a range of peripheral options for efficient and seamless customer interaction.

These include a two-line VFD dot display, a customer-facing 10" 16:9 LED screen and a three-track MSR. The unit can be raised on a pole mount, while its double-hinged base supports an AIO (all-in-one) POS configuration or use as a standalone multi-touch monitor.



# MULTI-CONFIGURATION BY ONE USB-C



# UNCOMPROMISING QUALITY

## EQUALLY STYLISH AND FUNCTIONAL

Crafted from premium materials, the EV770's aesthetics are just as sophisticated as its processing hardware, offering exceptional build quality and maximum longevity.

The PC component features either an Intel® J4125 or N97 processor with up to 3,60GHz clock speed, and 8G system memory (up to 16G for N97 - optional) and 128GB storage, expandable to 2TB. The 15.6" main display, meanwhile, is just 9mm thick, and features either 1920x1080 resolution or 1366 x 768 resolution with 10-point P-CAP touch interface (dependent on CPU).



# STANDARD OPERATING ENVIRONMENT FOR ALL FORM FACTORS

## REVOLUTIONARY ARCHITECTURE

At the heart of the EV770 is an SOE (standard operating environment) that remains consistent across all the ways it can be deployed. Regardless of whether the terminal takes the form of an AIO in a hospitality setting, a panel PC in kiosk form or a distributed layout in a fashion retail store, it is still running the same underlying architecture.



## ROI IN A PLATFORM APPROACH



### CHANGE MANAGEMENT IS EXPENSIVE

Standardisation means the EV770 represents significant savings on the total cost of ownership over a five-year period, or longer. Traditionally, different hardware platforms have necessitated different software build requirements, each of which have complicated support frameworks to manage.

With the EV770, the support base can be consolidated into a single hardware OS platform that remains the same across all form factors. On this single, modular platform, you only need to develop once, create an image, and know you can deploy it across your entire business network.

## THE PINNACLE OF POS EVOLUTION

At Element, we work closely with our partners to understand the realities of delivering the best possible customer and user experience. The EV770 is the culmination of what we have learned – a premium quality product, purpose-designed to evolve alongside your business. It's a best-case scenario of "thinking made visible", distilled into a single multifunction unit.



# TECHNICAL SPECIFICATIONS - EV770

Item		Parameter	
System	Motherboard	Gemini Lake Refresh	
	Processor	Intel® Celeron® Processor J4125(4M Cache, up to 2.70 GHz)	Intel® Alderlake Processor N97 (6M Cache, up to 3.60 GHz)
	Chipset	SoC	SoC
	System Memory	SO-DIMM DDR4 2666/3200MHz x 1 (up to 8G)	1xDDR4 8GB (up to 16GB)
	Storage Device	128GB (Up to 2TB)	128GB 1xM.2 2280 NVMe SSD (PCIe)
	Graphic Engine	Intel® UHD Graphics 600	Intel® UHD Graphics 600
LCD Touch Panel	LCD Size	15.6"	15.6"
	Brightness	220 cd/m2	400 nits
	Resolution	1366 x 768	1920x1080
	Touch Screen	10-points P-CAP touch screen	Projected capacitive
Expansion	M.2 2230 Key-E Socket	Additional Storage	Additional Storage
Wi-Fi		Wi-Fi via external dongle	Wi-Fi via external dongle
External I/O Ports	USB	6 x USB3.0 2 x USB-C (1 x USB-PD reserved for main display, 1 x USB-C)	6x USB 3.0, 2 xUSB-C
	Serial Port	2 x Powered COM with RJ50	2x RS232 (RJ50 ) 5V/12V
	LAN	1 x 10/100/1000Base-T	1x Intel i-226V 2.5Giga LAN
	Cash Drawer	1 x RJ12 (12V/24V supported)	1 x RJ12 (12V/24V supported)
	Display Port	1 x HDMI 2.0a	1 x HDMI 2.0a
	DC Jack	19-24V DC-in	5.5 x 2.5 mm DC-IN jack
Audio	Internal Speaker	1 x Speaker 2 watt	1 x Speaker 2 watt
Indicator	LED Indicator	1 x Power LED	1 x Power LED
Power	Power Supply	19V 65W AC adapter	19V 65W AC adapter
Peripheral (option)	MSR	3 tracks magnetic card reader	3 tracks magnetic card reader
	2nd Display	10.1" - 16:9 1024 x 600 LED screen	10.1" - 16:9 1024 x 600 LED screen
	Customer Display	20 Characters x 2 lines VFD dot display	20 Characters x 2 lines VFD dot display
Certificate	EMC & Safety	CE, FCC, RCM	CE, FCC, RCM ,LVD, VCCI
Environment	Operating Temperature	0°C ~ 40°C	0°C ~ 40°C
	Storage Temperature	-20°C ~ 60°C	-20°C ~ 60°C
	Humidity	20% to 85% RH (non-condensing)	20% to 80% RH (non-condensing)
Dimension (WxDxH)		379 x 190 x 317mm	379 x 190 x 317mm
Weight (G.W.)		6kg	6kg
Mounting		VESA 75 x 75 on panel PC mode	VESA 75 x 75 on panel PC mode
OS Supported		Windows 10 IoT Enterprise, Windows 11	Windows 10 IoT Enterprise, Windows 11

## WHY ELEMENT?

Element is a technology provider specialising in systems that enable customer service and engagement.

We design and build devices that are used by customers and with customers, wherever they need service. Our mission is to help our clients engage with their customers to increase trust, convenience and loyalty.

We provide 'point of service' devices - for delivering information, assistance and sales transactions wherever the customer needs them.

All our products are designed by experts with in-depth experience of how they will be used, and the demands that will be placed on them. That's what makes Element products tough, resilient, stylish and designed for purpose.

Element products are for retailers, QSRs, cinemas, shopping centres, event venues and healthcare providers who want to take customer service to the next level.

Element takes service to the customer, wherever they need it, through design, quality and purpose.

### DESIGN. QUALITY. PURPOSE.

element<sup>™</sup>  
EVOLUTION

[www.elementpos.co](http://www.elementpos.co)

