

elementTM

DESIGN. QUALITY. PURPOSE



ELEMENT 485 AIO POS TOUCH TERMINAL



ELEMENT PRODUCT INFORMATION

Element 485

The Element 485 is a rugged high-quality AIO touch terminal with full aluminum chassis. It's a proven workhorse built to withstand the harshest hospitality & retail environments and applications.

- Borderless design with True Flat, P-Cap multi-touch Technology
- Rugged full aluminium die-casting enclosure
- Desktop Processing Power – Skylake 7th Gen CPU's
- Fan-less low power option available
- 3-Track MSR available
- Customer Display Options (CDU) available
- Easy serviceability (Upgrade/Change SSD)
- Rich Interface for current and legacy peripherals
- Standard 3 year warranty, upgrade options to 5 years



ELEMENT PRODUCT INFORMATION

Element 485

The Element 485 is built with industrial grade components designed from the ground up to support desktop processors in an all-in-head design. The result, a POS terminal to provide power, performance and reliability needed for varied POS applications.

- Designed for industrial and commercial applications.
- Long term availability of the form factor, currently been available for 8+ years to provide consistency and stability .
- Uses the long-term roadmap of Intel embedded chip sets, minimum availability of 3 – 5 years.



Slide in/out HDD
Replacement



PCAP Multi-Touch



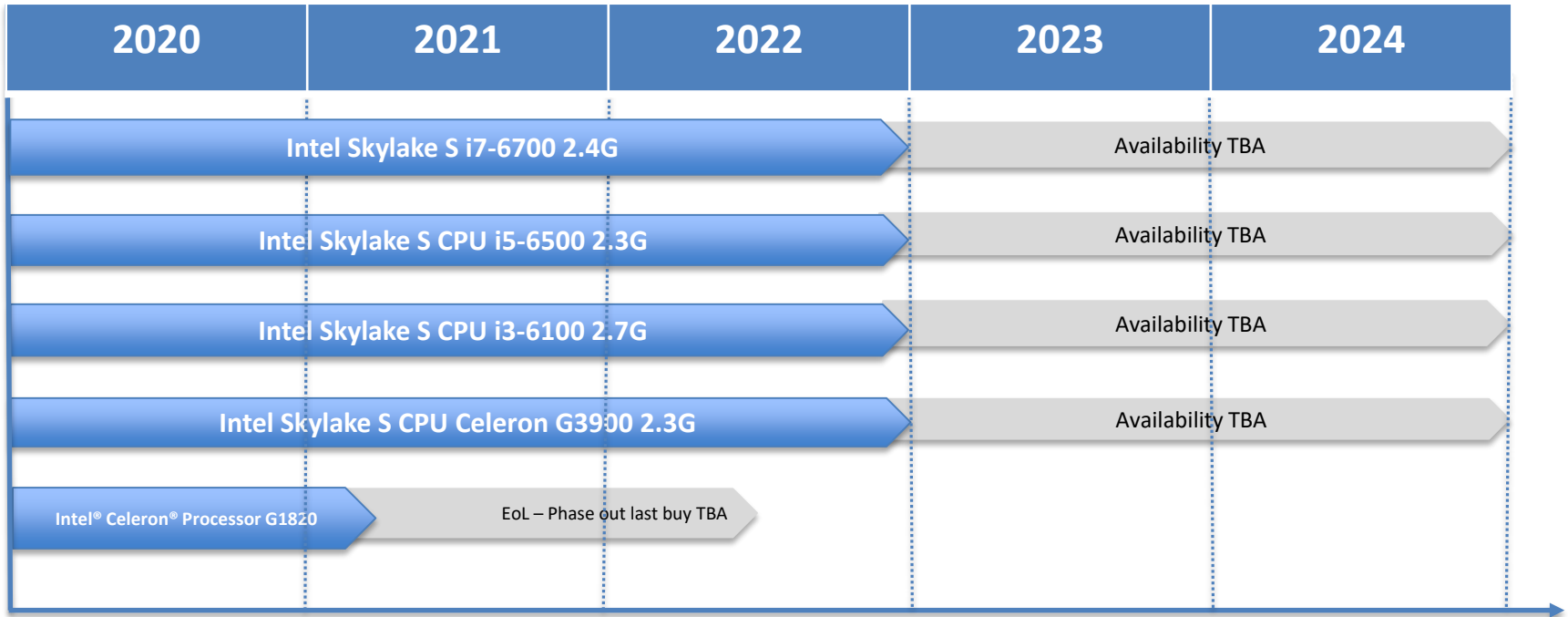
Stand with Adapter Housing



Magnetic Stripe Card
Reader (Option)

ELEMENT 485 ROADMAP

Element 485



Intel Skylake S CPU	Type	Bench Mark	Single Thread
i7-6700 2.4G	Desktop - 35W - 4 Core	8674	1923
i5-6500 2.3G	Desktop - 35W - 4 Core	6580	1749
i3-6100 2.7G	Desktop - 35W - 2 Core	4315	1553
Celeron G3900 2.3G	Laptop - 35W - 2 Core	2591	1351
Celeron G1820 2.7G	Desktop - 54W - 2 Core	2749	1576

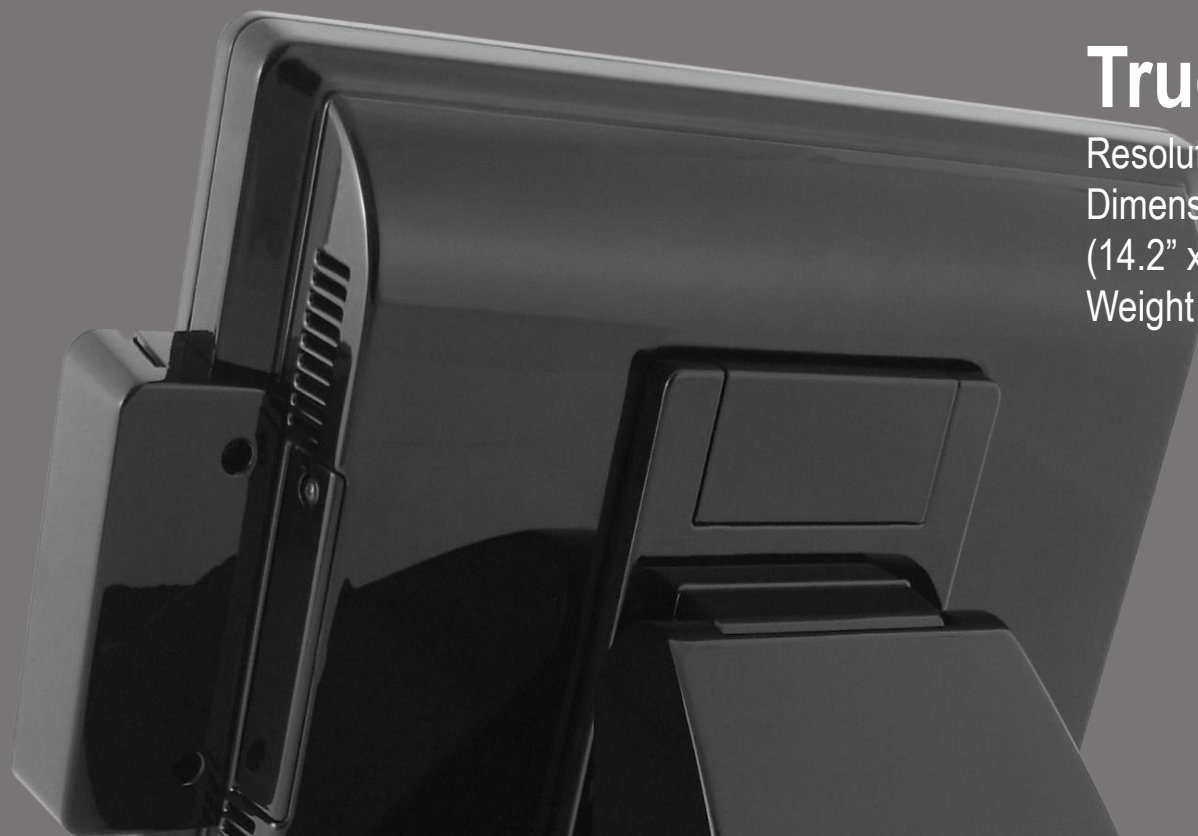
ELEMENT 485 DESIGN

Element 485

FANLESS DESIGN

True-Flat PCAP Touch

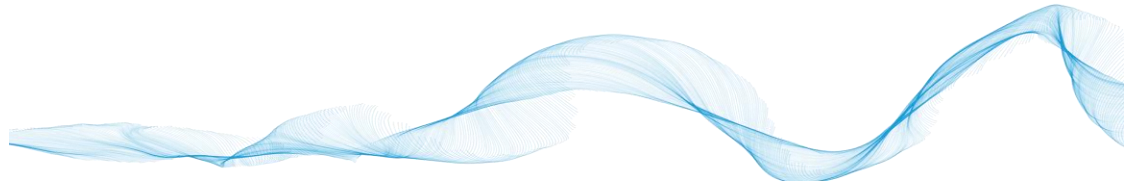
Resolution 1024 x 768
Dimension 361 x 248 x 337 mm
(14.2" x 9.8" x 13.27")
Weight 8 kg (17.6 lbs)



ELEMENT 485 CUSTOMER DISPLAYS

Element 485

2nd CUSTOMER DISPLAY OPTION



ELEMENT 485 “VERSATILITY”

Element 485

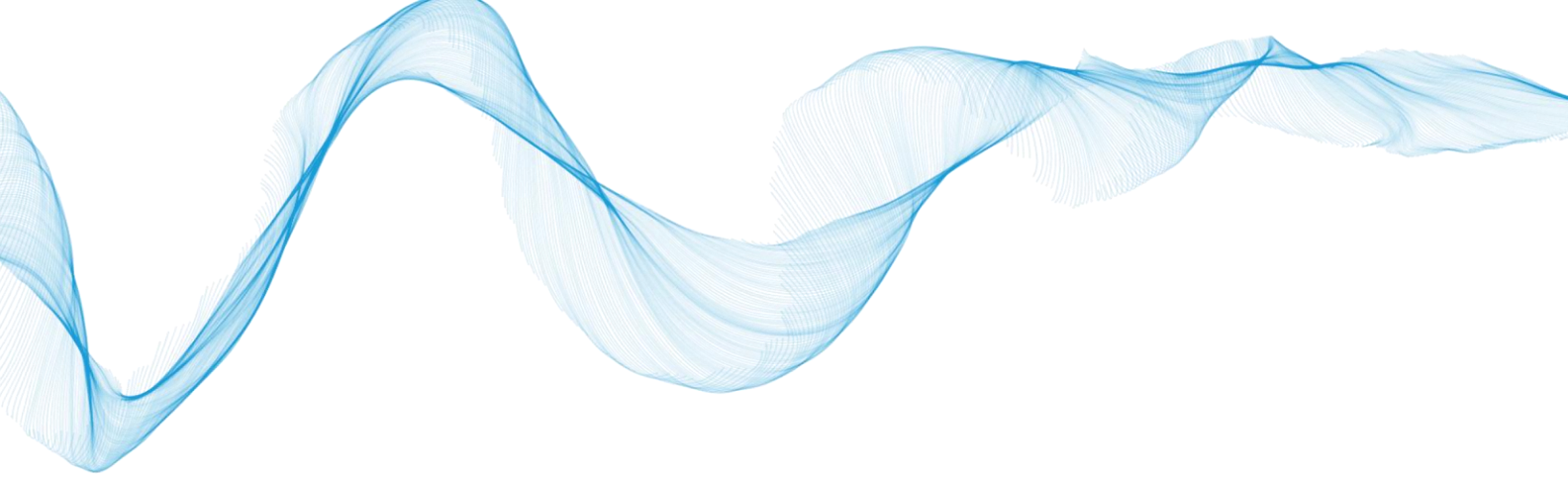
PERFECT FOR RETAIL AND HOSPITALITY



ELEMENT 485 SPECIFICATIONS

	Motherboard	D66	D86S
System	Processor	Intel Haswell LGA-1150	Intel Skylake S CPU Celeron G3900 2.3G, Skylake S i3-6100 2.7G, i5-6500 2.3G, i7-6700 2.4G
	Chipset	CPU Integrated	Intel H110
	System Memory	1x DDR3L SO-DIMM up to 8GB	1x DDR4 SO-DIMM up to 16GB
	Storage Device	1x 2.5" SATA HDD or SSD	1x 2.5" SATA HDD or SSD
LCD Touch Panel	LCD Size	15" TFT LCD	15" TFT LCD
	Brightness	350 nits	350 nits
	Resolution	1024 x 768	1024 x 768
	Touch Screen	True-Flat PCAP Touch	True-Flat PCAP Touch
Expansion	Mini PCI-E Slot	1	1
External I/O Ports	USB	4x USB3.0, 2x USB2.0	3x USB3.0, 2x USB2.0, 1x USB Type-C
	Serial Port	4x RJ48 (powered RS232) (default 0V, COM1,2 0V/5V; COM3 0V/12V) COM4 DB9	4x RJ48 (powered RS232) (default 0V, COM1,2 0V/5V; COM3 0V/12V) COM5 DB9(Optional)
	LAN	1x RJ45	1x RJ45
	Cash Drawer	1x RJ11 (12V/24V)	1x RJ11 (12V/24V)
	VGA	1x DB15 (12V enabled by BIOS)	1x DB15 (12V enabled by BIOS)
	DC Jack	1x 4 PIN DIN(With latch)	1x 4 PIN DIN(With latch)

Indicator	<i>LED Indicator</i>	1	1
Power	<i>Power Supply</i>	120W / 19V	120W / 19V
Communication	<i>WLAN + BT</i>	802.11 a/b/g/n/ac WLAN card + BT 4.0 (Option)	802.11 a/b/g/n/ac WLAN card + BT 4.0 (Option)
Peripheral (Option)	<i>MSR</i>	3-Track MSR (USB)	3-Track MSR (USB)
	<i>iButton</i>	iButton (USB)	iButton (USB)
	<i>Fingerprint</i>	Digital Persona Module (USB)	Digital Persona Module (USB)
	<i>2nd Display</i>	10.1" without touch	10.1" without touch
	<i>Customer Display</i>	LCM display 2 x 20 characters (USB)	LCM display 2 x 20 characters (USB)
Certificate	<i>EMC & Safety</i>	FCC Class A, CE Mark Class A, LVD	FCC Class A, CE Mark Class A, LVD
Environment	<i>Operating Temperature</i>	0°C ~ 35°C (32°F ~ 95°F)	0°C ~ 35°C (32°F ~ 95°F)
	<i>Storage Temperature</i>	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
	<i>Humidity</i>	20% ~ 80% RH non-condensing	20% ~ 80% RH non-condensing
Dimensions (WxDxH)		361 x 248 x 337 mm (14.2" x 9.8" x 13.3")	361 x 248 x 337 mm (14.2" x 9.8" x 13.3")
Weight		8 kg (17.6 lbs)	8 kg (17.6 lbs)
Mounting		VESA Mount 100 x 100	VESA Mount 100 x 100
OS Supported		Windows 10 IoT Enterprise(64bit), Linux	Windows 10 IoT Enterprise(64bit), Linux



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