

element™

DESIGN. QUALITY. PURPOSE



ELEMENT CA850 MODULAR POS TOUCH TERMINAL

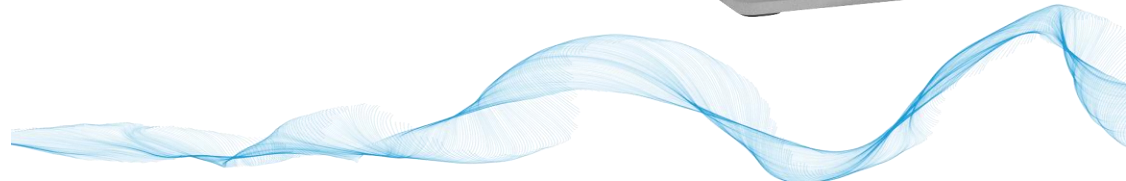


ELEMENT PRODUCT INFORMATION

Element CA850

Element CA850 is the Next Generation in Point of Sale Terminals. The CA850 is sleek and versatile 15.6" Point-of-Sale Terminal that helps provide the best customer experience for the retail & hospitality clients. With its ultra slim body, attractive metallic design and number of flexible configurations, the CA850 carries out the transactions quickly and efficiently, helping build customer loyalty and growing your business.

- Borderless design with True Flat, P-Cap multi-touch technology
- Fanless design i3-7100U 2.4GHz CPU
- 8GB RAM and 128GB M.2 SSD Storage.
- Modular design, reconfigure **one** product to **five** configurations
- Blade peripherals, 3-Track MSR, customer display options (CDU) & fingerprint available
- Standard 3 year warranty.



ELEMENT PRODUCT UPDATE

Element CA850

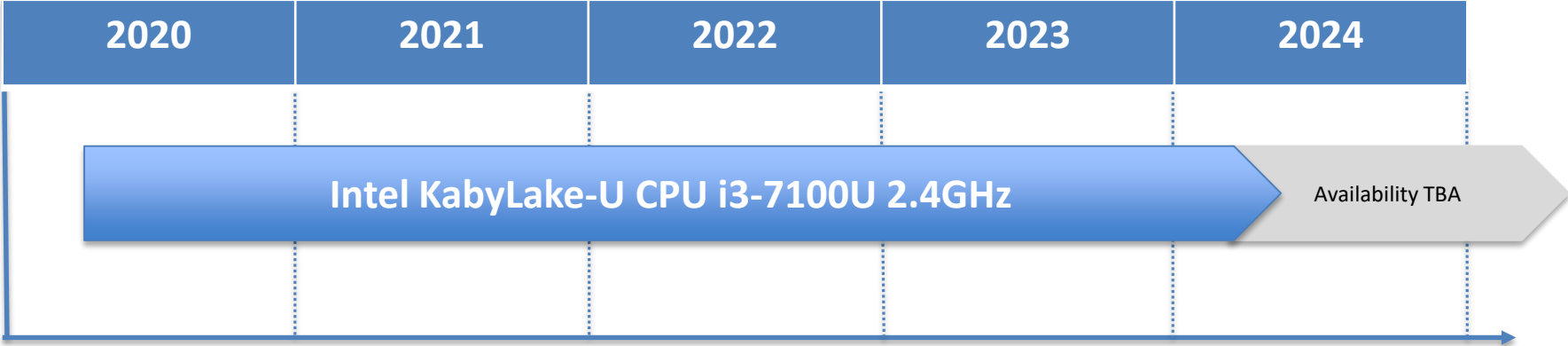
The Element CA850 is built with industrial grade components designed from the ground up to support embedded processors. The result a POS terminal designed to be sleek and fashionable, whilst providing the power, performance and reliability needed for varied POS applications.

- Designed for industrial and commercial applications.
- Uses the long-term roadmap of Intel embedded chip sets.
- Built for the modern needs of fashionable retail environments.

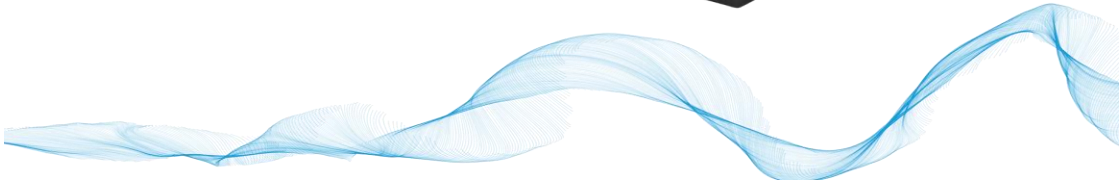


ELEMENT PRODUCT ROADMAP

Element CA850



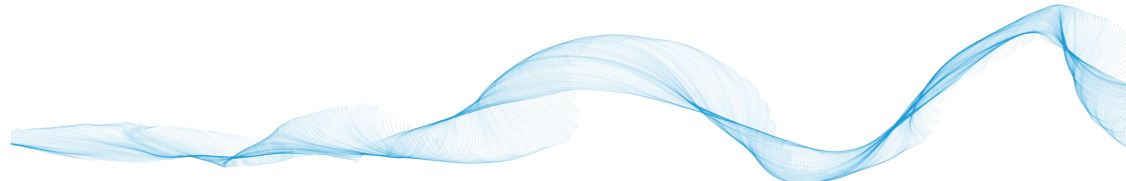
CPU	Type	Bench Mark	Single Thread
i3-7100U 2.4GHz	Laptop - 15W - 2 Core (2 logic cores per physical)	3758	1356



ELEMENT CA850 DESIGN

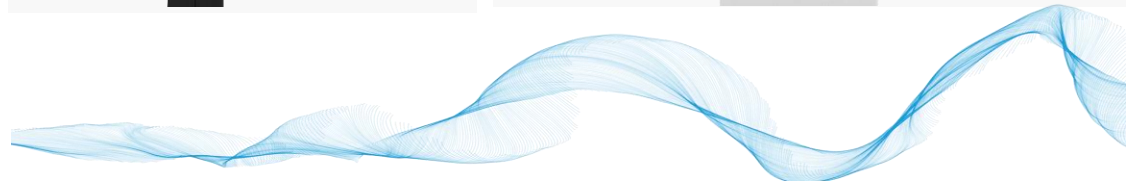
Element CA850

- *Ultra Slim Body*
- *High Screen-to-Body Ratio*
- *Multiple Configurations*
- *Latest Skylake U processor*
- *Aesthetic Metallic Design*



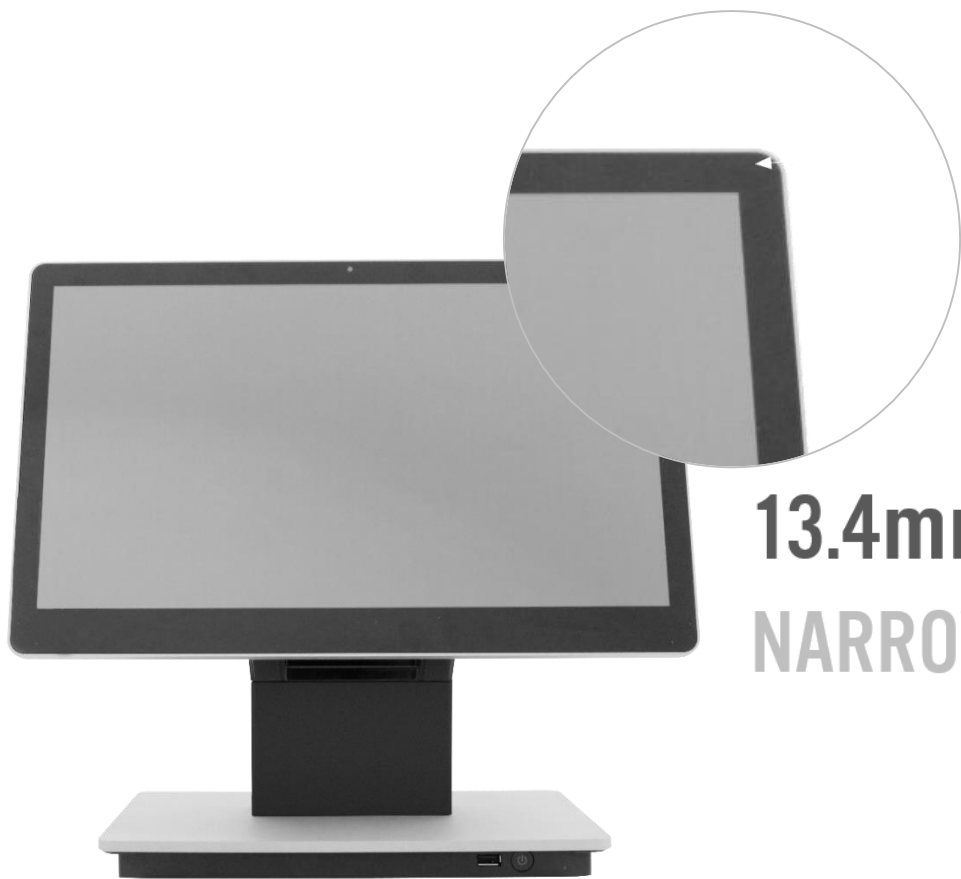
ELEMENT CA850 DESIGN

Element CA850



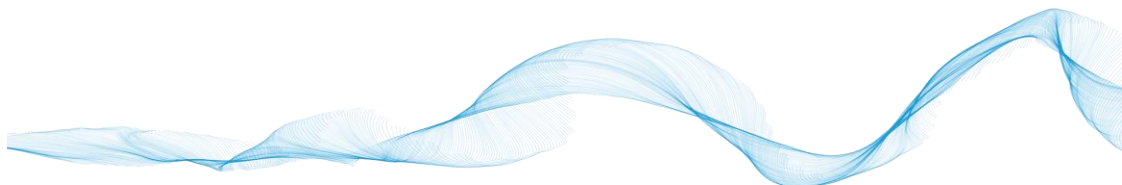
ELEMENT CA850 DESIGN

Element CA850



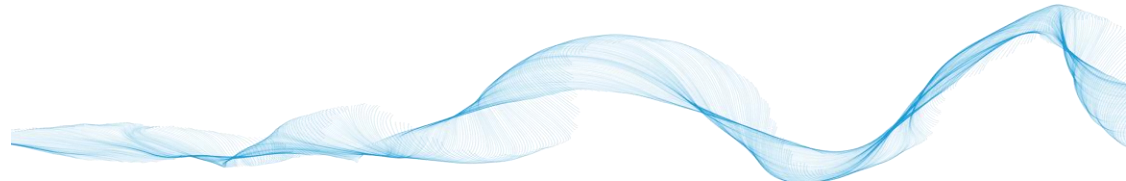
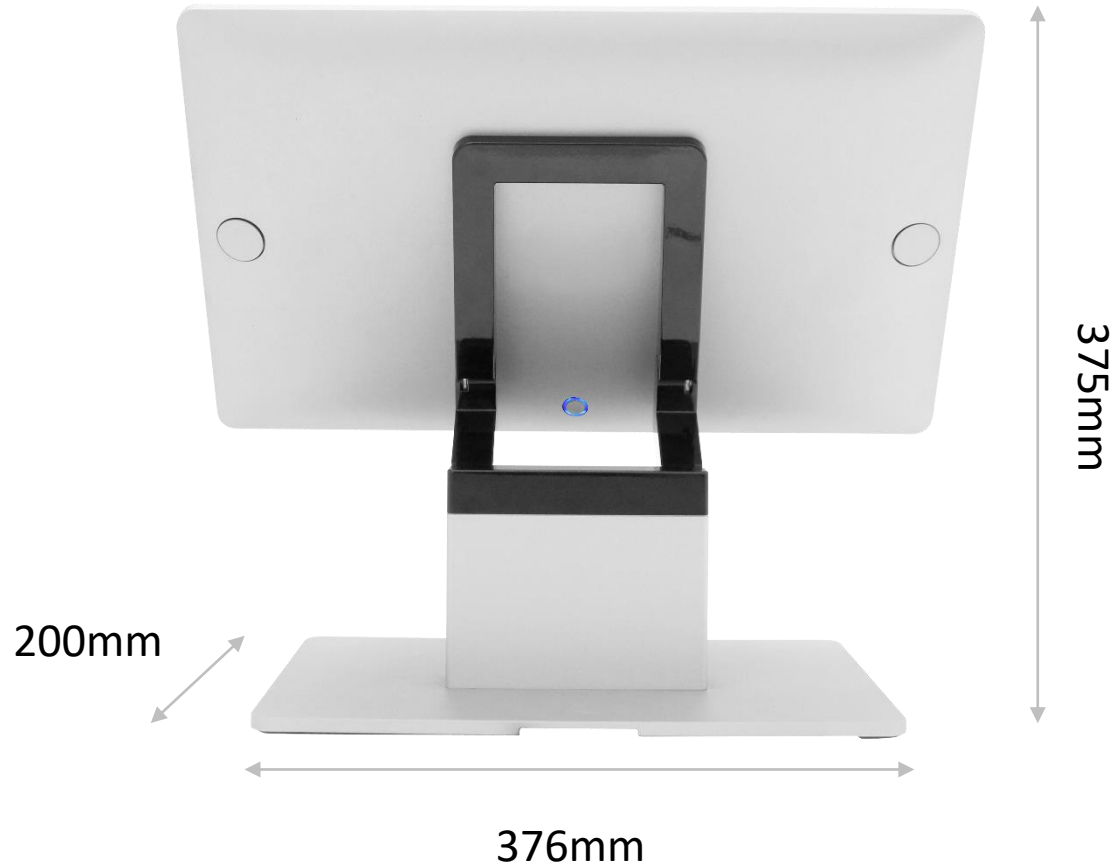
13.4mm
NARROW

7mm THIN



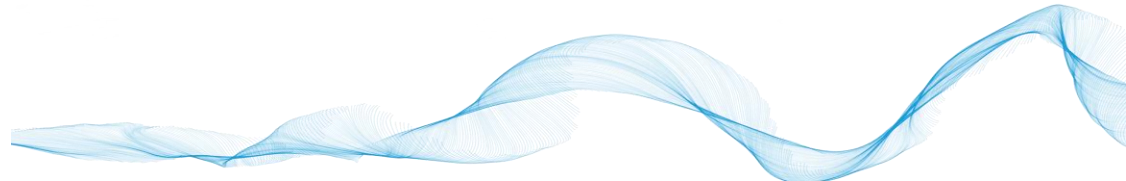
ELEMENT CA850 DIMENSIONS

Element CA850



ELEMENT CA850 MODULAR DESIGN

Element CA850



ELEMENT CA850 DIMENSIONS

Element CA850

The Unique DisplayPort Cable



DP Cable

- Power / Video / Data
- Three Lengths Available
(46cm / 58cm / 200cm)



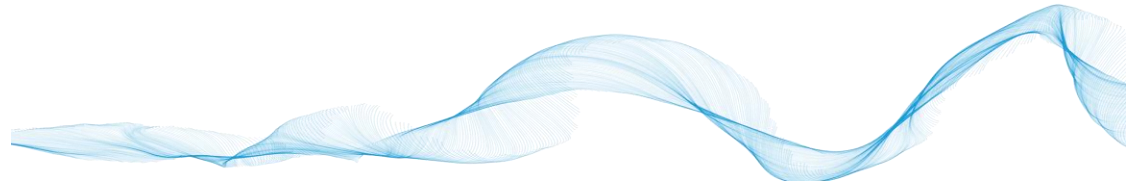
ELEMENT CA850 CONFIGURATIONS

Element CA850

One Product, Five configurations, Unlimited applications



Hidden System Box



ELEMENT CA850 PERIPHERALS

Element CA850



ELEMENT CA850 2ND DISPLAYS

Element CA850



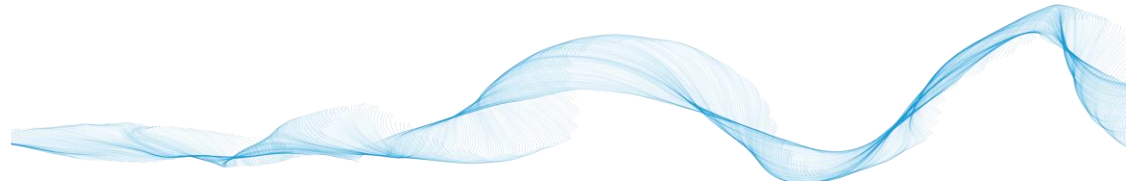
LCM



10.1" 2nd Display



15.6" 2nd Display



ELEMENT CA850 CONNECTIVITY

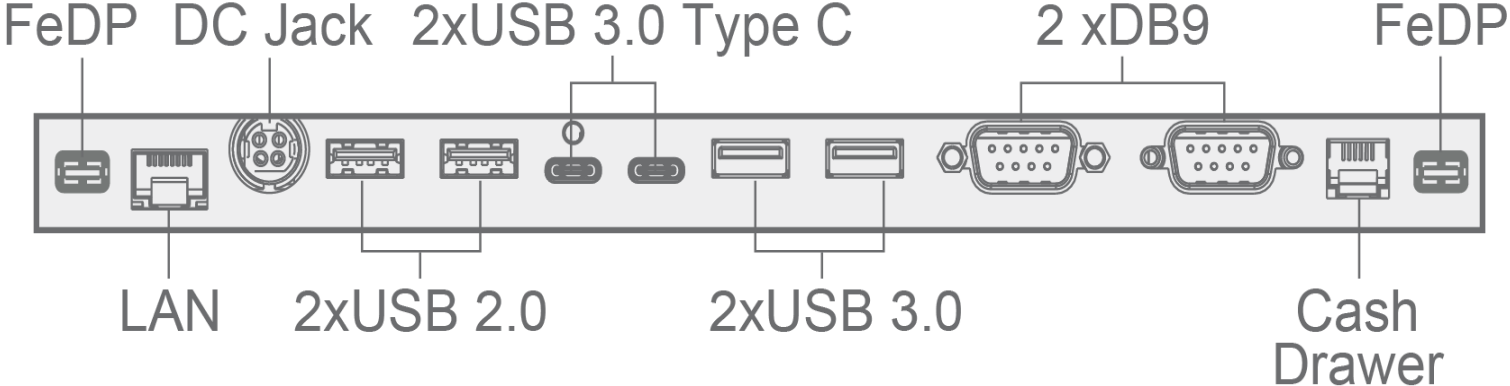
Element CA850

1xUSB 2.0

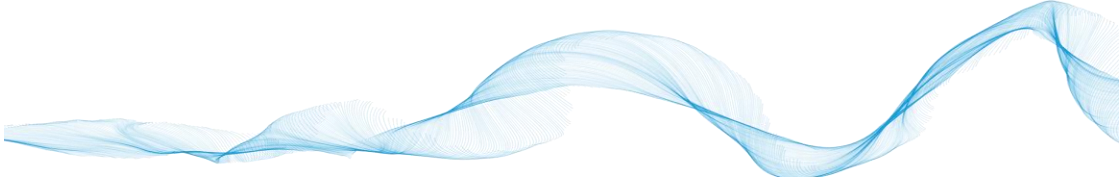
Front



Power Button



Rear

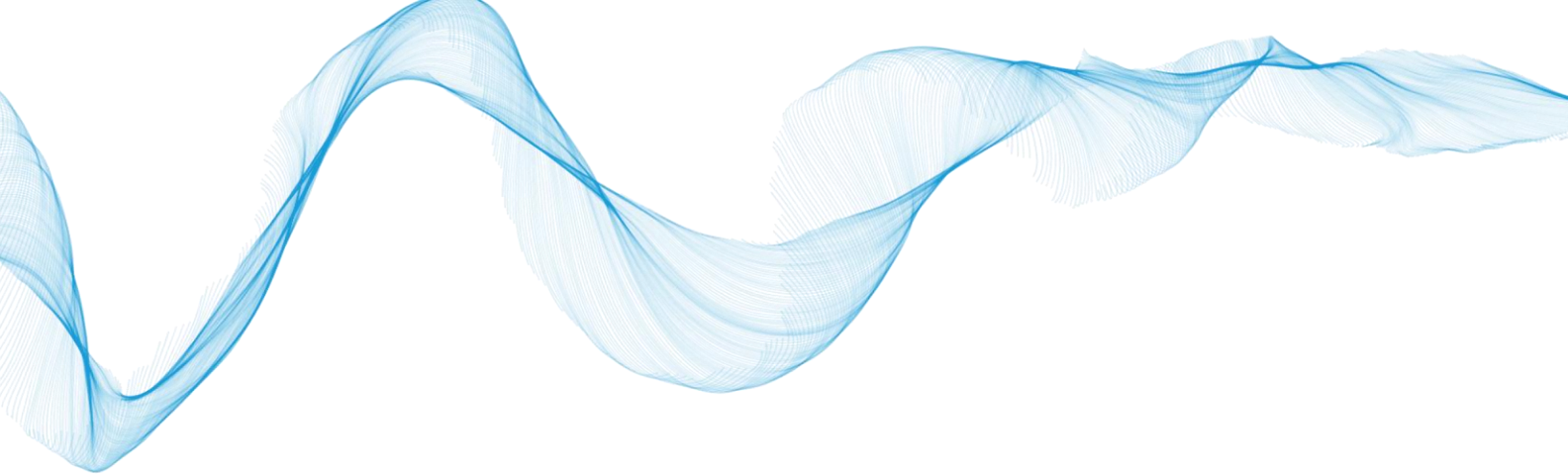


ELEMENT SPECIFICATIONS

System	Motherboard Processor Chipset System Memory Storage Device Graphic Engine	D84U Intel KabyLake-U CPU i3-7100U 2.4GHz CPU Integrated 8GB DDR4 2133MHz SO-DIMM (up to 16GB) 128GB M.2 SATA SSD Module Intel HD Graphic DX12, defined on CPU
LCD Touch Panel	LCD Size Brightness Resolution Touch Screen	15.6" LED Panel 300 nits 1920 x 1080 (Full HD) True-Flat PCAP Multi-touch
External I/O Ports	Front Side • USB • Power Button Rear Side • USB • Serial Port • LAN • Cash Drawer • DP • DC Jack	1x USB2.0 1 2x USB3.0 Type C, 2x USB3.0, 2x USB2.0 2x DB9 (Powered RS232) (default 0V; COM1 5V, COM2 12V) 1x RJ45 1x RJ11 2 x Proprietary for Primary and Secondary Display. 1 x 4PIN DIN (with latch)
Audio	Internal Speaker	1x 2W
Power	Power Adapter	90W / 19V
Peripheral (Option)	WiFi+BT MSR iButton NFC Reader Fingerprint Customer Display 2nd Display	M.2 (E-Key) WiFi/BT Module 3-Track MSR (USB) iButton(USB) NFC Reader(USB) Fingerprint Reader (USB) LCM display 2 x 20 characters (USB) 10.1" without touch / with touch (Option) 15.6" without touch / with touch (Option)

ELEMENT SPECIFICATIONS

Certificate	EMC & Safety	FCC Class A, CE Mark, LVD
Environment	Operating Temperature Storage Temperature Humidity	0°C ~ 35°C (32°F ~ 95°F) -20°C ~ 60°C (-4°F ~ 140°F) 20% ~ 85% RH non-condensing
Dimensions (WxDxH)		376 x 200 x 375 mm (14.8" x 7.9" x 14.8")
Weight		5.4 kg (11.9 lbs)
Mounting		VESA Mount 100 x 100
OS Supported		Windows 10 IoT Enterprise, Linux



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