

Element 455

Compact Stylish POS



The **Element 455** redefines efficiency with its compact and modern design, making it perfect for retail and hospitality environments.



Powered by an Intel® processor, it delivers seamless performance on a fanless system, ensuring reliability and quiet operation.

Designed for versatility, the 455 features a sleek 15.1" (or optional 18.5") touchscreen display, multiple connectivity options, and flexible peripheral support, allowing businesses to customise their setup with scanners, printers, and customer-facing displays.

With a durable yet stylish build, this all-in-one POS terminal is an excellent solution for businesses seeking a space-saving, high performance system that enhances customer interactions and operational workflows.

Wide Selection of Peripherals



- ✓ Equipped with Intel® Alder Lake N N97 / i3-N305 processors
- ✓ Supports Windows 10 and 11 IoT Enterprise, Linux, Android 13.0
- ✓ Features a 15.1" or 18.5" 1024 × 768 display with PCAP touch technology
- ✓ High Flexibility with Foldable Stand
- ✓ Intelligent cable management integrated into the stand
- ✓ VESA mounting compatibility for both the back cover and foldable stand
- ✓ Front splash-proof protection & a versatile selection of peripherals

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SPECIFICATIONS

MODEL	Element 455
Processor	Intel® Alder Lake N Processor: N97, i3-N305
RAM Memory	1x DDR4 8GB
HDD & SSD	128GB SSD (M.2)
Touchscreen	15.1" 1024 × 768, True-Flat PCAP multi-touch
Compatible OS	Windows 10 and 11 IoT Enterprise, Linux, Android 13.0
Speaker	1 × 3W Internal Speaker
Power Supply	65W/19V (120W/19V with 1x PUSB 12V & 1x PUSB 24V)
Colour	Dark Grey + black
Weight	4.3 kg
EMC & Safety	FCC Class A, CE Mark Class A, LVD
Dimensions	(WxDxH) 369 × 277 × 203 mm
I/O PORTS	
USB TYPE-A	2 x USB3.0, 4 x USB2.0
USB TYPE-C	1 x USB3.0 full-functioned (DP/PD 5V/3A, 12V/3A)
Serial Port	3 x RJ48 (standard RS232) (default 0V; 5V,12V)
LAN	1 x RJ45
Cash Drawer	1 x RJ11
FeDP	2 x proprietary miniDP (1 x for main display, 1 x for 2nd display)
DC Jack	1 × 4PIN (with latch)
OPTIONAL PERIPHERALS	
Powered USB	1x Powered USB 12V, 1x Powered USB 24V
MSR	3-Track MSR (USB)2d3037
Fingerprint	Fingerprint Reader (USB)
iButton	iButton (USB)
Customer Display	LCM display 2 × 20 characters (USB)
2nd Display	11.6" 2nd Display
ENVIRONMENT	
Operating Temp	0°C ~ 35°C (32°F ~ 95°F)
Storage Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	20% ~ 85% RH non-condensing