element™

ELEMENT NOVA 300
19" Self-Checkout Kiosk

Compact Intelligence. Enterprise Performance.

The Element NOVA 300 is a premium 19" self-checkout kiosk built for retail, hospitality, and service environments. Powered by Intel® Alder Lake-N and Meteor Lake Core Ultra processors, it delivers fast, responsive performance in a compact design. Featuring a True-Flat PCAP touchscreen, integrated camera support, and flexible peripheral compatibility, the NOVA 300 enables seamless, scalable self-service experiences with simplified maintenance and reliable operation.

Windows Linux android

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FEATURES & BENEFITS

Built to deliver high-performance self-service experiences in demanding retail environments, the NOVA 300 combines advanced computing power, modular expansion, and streamlined serviceability in a compact all-in-one kiosk platform.

With support for integrated scanning, payment processing, customer-facing displays, and AI-ready peripherals, the NOVA 300 simplifies deployment while enhancing operational efficiency and customer interaction.

- 19" True-Flat PCAP multi-touch display (1280 × 1024)
- Intel® Alder Lake-N (N95 / i3-N305) or Meteor Lake Core Ultra 5 125U processors
- Windows, Linux, and Android OS compatibility
- Integrated 5MP main camera with optional 2MP top-pole camera
- Powered USB, USB-C, RS232, LAN, and cash drawer support
- Easy-access motherboard module for simplified maintenance
- Optional 11.6" customer-facing second display
- LED light bar with visual status indication
- Integrated support for scanners, printers, and payment terminals
- Fanless thermal architecture for silent and reliable operation

BENEFITS

- Compact footprint for space-saving deployments
- Fast, responsive self-checkout performance
- Modular support for peripherals and accessories
- Front-access design for simplified maintenance
- Faster transactions and reduced customer queues
- Seamless integration with payment terminals
- Flexible Windows, Linux, and Android OS support
- Scalable architecture for future retail expansion
- Fanless design for quiet, reliable operation
- Enhanced customer engagement with intuitive touch interaction

COMPACT YET FULLY EQUIPPED

Despite its compact footprint, the NOVA 300 delivers a complete self-checkout solution with support for payment terminals, barcode scanners, printers, customer displays, RFID, and AI-ready peripherals.

Built for scalability and flexibility, the NOVA 300 adapts seamlessly to retail, hospitality, convenience, and unattended self-service environments.

Payment Device Option 1

Universal design compatible with your preferred payment device. Final configuration may vary, with the payment device positioned on the side.

MSSPSPK50302

MSSPSP1750102

Payment Device Option 2

Optional with a dedicated payment bracket designed specifically for Verifone P400 and Ingenico Lane 3000/3600 terminals.

2D Scanner

Honeywell

DATALOGIC

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Thermal Printer

PREC31CK50232 EPSON

PREC31CJ57612 EPSON

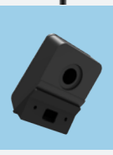
PRELRW60006 element

TECHNICAL SPECIFICATIONS - NOVA 300

Processor Options	Alder Lake-N (G35): N95 / i3-N305 Meteor Lake (G75U): Core Ultra 5 125U
Memory	G35: 8 GB DDR4 | G75U: 8 GB DDR5
Storage	128 GB SSD (M.2)
Operating System Support	Windows 11 IoT Enterprise / Linux / Android 13
Display	19″ TFT LCD
Resolution	1280 × 1024
Touch Technology	True-Flat PCAP multi-touch
USB Type-A	G35: 2 × USB 3.0, 4 × USB 2.0 | G75U: 4 × USB 3.0, 2 × USB 2.0
USB Type-C	1 × USB 3.0 full-function (DP / PD 5V/3A, 12V/3A)
FeDP (2nd Display Output)	2 × FEDP miniDP (main + secondary display)
Serial Ports	3 × RJ48 RS232 (0V / 5V / 12V selectable)
LAN	1 × RJ45
Cash Drawer	1 × RJ11
Audio	1 × 3 W speaker
DC Power Input	1 × 4-pin locking connector
Power Supply	G35: 65 W / 19 V | G75U: 120 W / 19 V
Wireless Connectivity (Optional)	Optional 802.11 WLAN + Bluetooth 5.0
Main Camera (Optional)	5 MP (integrated)
Top-Pole Camera (Optional)	2 MP
LED Light Bar (Optional)	Optional RGB LED indicator
Second Display (Optional)	11.6″ customer-facing display
Scanner (Optional)	Honeywell 7990G / Datalogic M3450VSi / Element Scanner
Printer (Optional)	Epson TM-M30III/ Epson TM-T88VI/ Epson TM-T88VII/ Element RW60+
Payment Bracket (Optional)	Option 1: Payment brackets MSSPSPK50302 + MSSPSP1750102 Option 2: See page 2 or speak to your Account Manager
RFID (Optional)	USB RFID module
MSR (Optional)	3-track MSR
iButton (Optional)	USB iButton
Mounting Options	Wall mount, counter mount, floor stand ***(*floor stand project Specific)***
Dimensions (W × H × D)	435 × 581 × 306 mm
Weight	13 kg
Operating Temperature	0°C – 35°C
Storage Temperature	–20 °C – 60 °C
Humidity	20–85% RH, non-condensing
Certifications	FCC Class A, CE Mark Class A, LVD
Payment Terminal Mounts (Optional)	Ergonomic Solutions - Click here to view options

**Product specifications and data are subject to change without notice (E&OE)*

ORDERING INFORMATION

PRODUCT CODE	DESCRIPTION	
KIETKN200103	ELEMENT KIOSK NOVA 200 N95 8/128 15P 2D W11	
KIETKN200102	ELEMENT KIOSK NOVA 200 I3-N305 8/128 15P 2D W11	
KIETKN200201	ELEMENT KIOSK NOVA 200/300/700 - COUNTER PLATE KIT	
KIETKN200202	ELEMENT KIOSK NOVA 200 - CDU 11.6-INCH FEDP	
KIETKN200203	ELEMENT KIOSK NOVA 200/300- CDU 11.6-INCH FEDP+CAM	
KIETKN200204	ELEMENT KIOSK NOVA 200 - CAMERA 2MP USB	
KIETKN200205	ELEMENT KIOSK NOVA 200 - TOP POLE W/LIGHT	
KIETKN200206	ELEMENT KIOSK NOVA 200 - TOP POLE W/LIGHT +AI CAM	
KIETKN200207	ELEMENT KIOSK NOVA 200 - CAMERA 2MP + MOTION SENSOR	
PREC31CK50232	EPSON PRINTER TM-M30III USB/ETH/BT/WIFI PSU BLK	EPSON
PREC31CJ57612	EPSON PRINTER TMT88VII ETH/SER/USB PSU BLK	EPSON
PRELRW60006	ELEMENT RW60+ ULTRA COMPACT THERMAL RECEIPT PRINTER, BLUETOOTH/ETHERNET/SERIAL/USB/WI-FI INTERFACES, BLACK (POWER SUPPLY AND CABLES INCLUDED)	element
MSSPSPK50302	SPACEPOLE KIOSK PERIPHERAL ARM BLK	ergonomic solutions
MSSPSP1750102	SPACEPOLE SP1 DURATILT BLK W/SCREWS	ergonomic solutions
Payment Terminal Mounts (Optional)	Ergonomic Solutions - Click here to view options	ergonomic solutions