



Newton
LITE

Compact in Size.
Superior in Performance.

Newton LITE












Much of the retail landscape is driven by digital invention and innovation. As more and more people are connected by technology, it's imperative to invest in a solution that can adapt to their expectations while achieving cost-efficiency in the process.

SOLUM introduces Newton LITE – our most compact ESL lineup designed to be your stepping stone towards retail digitization. Offering the same advanced features as Newton, Newton LITE is SOLUM's most cost-effective ESL especially designed for retailers and businesses new to the ESL technology. Available in 5 sizes, Newton LITE guarantees a no-frills ESL experience both for your customers and staff.






With Newton LITE, your retail operations can achieve efficiency through automation, reach a new level of profitability – without burning your pockets. Make the switch now, transform your operations with Newton LITE.



Key Features

-  10x Updated Speed
-  7-Color LED
-  Protection Cover
-  NFC Capability
-  Location-based System (LBS) Enabled
-  Splash and dustproof (IP55)
-  Unique Shelf Security Mechanism
-  Slim Sticker Bezel
-  Label Positioning for Smarter Operations
-  Powerful + Compact Battery
-  Screen Protection

Tech Specifications

Size	Dimension	Active Display Area	Resolution	Pixel density
 1.6"	37.12 × 46.81 × 14.00 mm 1.46 × 1.84 × 0.55 inch	26.8 × 26.8 mm 1.05 × 1.05 inch	200 × 200 pixels	184 dpi
 2.2"	71.22 × 37.21 × 14.00 mm 2.80 × 1.46 × 0.55 inch	48.35 × 23.50 mm 1.90 × 0.92 inch	250 × 122 pixels	130 dpi
 2.6"	80.27 × 43.03 × 14.00 mm 3.16 × 1.69 × 0.55 inch	59.85 × 30.49 mm 2.36 × 1.20 inch	360 × 184 pixels	152 dpi
 2.7"	77.22 × 49.85 × 14.00 mm 3.04 × 1.96 × 0.55 inch	57.29 × 38.19 mm 2.26 × 1.50 inch	300 × 200 pixels	133 dpi
 2.9"	87.48 × 43.03 × 14.00 mm 3.44 × 1.69 × 0.55 inch	67.38 × 29.37 mm 2.65 × 1.15 inch	384 × 168 pixels	144 dpi

Display Technology	Full Graphic E-ink Display
Bezel Color	White / Black / Customizable Colors (Optional)
Pixel Colors	BW / BWR / BWY
Viewing Angle	Nearly 180°
Usable Pages	Up to 7 pages * Optional NFC Remote Controller is Required
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Battery	CR2450 x 1ea
Battery Lifetime	Up to 5 years (2 Update/day) * 3 years in 0° ~ 10°
Encryption	128-Bit AES
Compliance	CE, RoHS, FCC
NFC	FeliCa NFC Forum Type 3
LED	7 Colors (Red/Green/Blue/Yellow/Cyan/Magenta/White)
ESL Operating Frequency	2.4 Ghz

* This specification may varies depending on the installation environment and user scenario.