



**SOLUM**  
Solution provider.



## Newton LITE

Compact in Size. Superior  
in Performance.

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# 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<br>1.46 × 1.84 × 0.55 inch | 26.8 × 26.8 mm<br>1.05 × 1.05 inch   | 200 × 200 pixels | 184 dpi       |
| 2.2" | 71.22 × 37.21 × 14.00 mm<br>2.80 × 1.46 × 0.55 inch | 48.35 × 23.50 mm<br>1.90 × 0.92 inch | 250 × 122 pixels | 130 dpi       |
| 2.6" | 80.27 × 43.03 × 14.00 mm<br>3.16 × 1.69 × 0.55 inch | 59.85 × 30.49 mm<br>2.36 × 1.20 inch | 360 × 184 pixels | 152 dpi       |
| 2.7" | 77.22 × 49.85 × 14.00 mm<br>3.04 × 1.96 × 0.55 inch | 57.29 × 38.19 mm<br>2.26 × 1.50 inch | 300 × 200 pixels | 133 dpi       |
| 2.9" | 87.48 × 43.03 × 14.00 mm<br>3.44 × 1.69 × 0.55 inch | 67.38 × 29.37 mm<br>2.65 × 1.15 inch | 384 × 168 pixels | 144 dpi       |

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

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