

Newton Pro

A GAME-CHANGER IN THE WORLD OF ESL.
RETAIL INNOVATION REDEFINED.

This product offers a superior user experience with improved button durability and user-friendliness. While connectivity remains consistent, the device ensures reliable communication for your pricing and product information. With its focus on design and build quality, it minimizes gaps between tags and enhances waterproof reliability.

Positioned as a premium yet accessible solution, Newton Pro is ready to excel in the ever-evolving ESL market, offering a competitive edge, advanced performance, and superior quality.





4 Color EPD



IP68 Rating for
Water & Dust
Proof



Over 10 years
Battery Life
(2 updates / day)



10x Faster
Update Speed
(vs. Conventional Model)



7-Color
LED Indicators



NFC Control

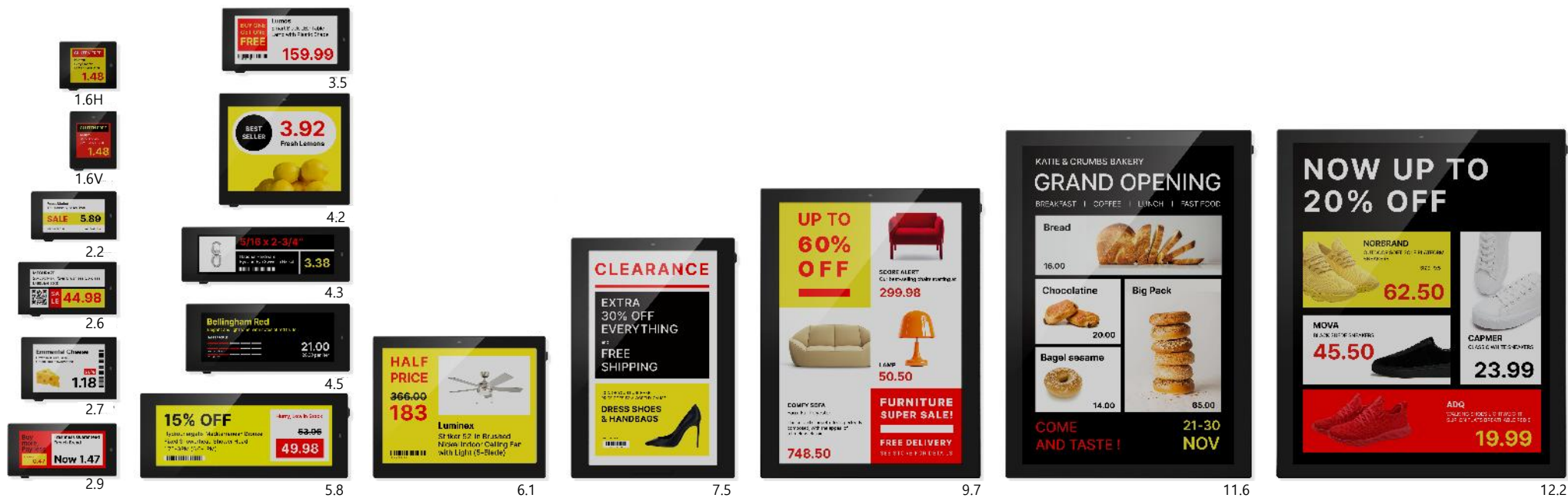


Extended Size
Range



Programmable
Button

Specifications are subject to change without prior notice. Actual performance may vary depending on installation conditions and usage scenarios. The image is provided for illustrative purposes and may have been created using generative AI technology. It may differ from the actual product.



PRODUCT SPECIFICATION SUMMARY																
Model	1.6" (V)	1.6" (H)	2.2"	2.6"	2.7"	2.9"	3.5"	4.2"	4.3"	4.5"	5.8"	6.1"	7.5"	9.7"	11.6"	12.2"
Dimension (mm)	36.7 x 44.9 x 10.45	44.9 x 36.7 x 10.45	67.0 x 37.4 x 10.45	79.2 x 42.5 x 10.45	76.0 x 49.5 x 10.5	85.9 x 41.3 x 10.45	100.2 x 49.6 x 10.45	98.1 x 83.7 x 12.45	130.2 x 42.3 x 13.0	128.6 x 53.0 x 13.0	164.0 x 66.8 x 14.3	133.20 x 109.96 x 14.90	125.0 x 182.9 x 14.85	170.2 x 223.6 x 14.85	192.0 x 269.1 x 15.35	216.2 x 260.0 x 15.35
Active Area (mm)	27.0 x 27.0	27.0 x 27.0	48.1 x 26.0	60.0 x 30.7	57.3 x 38.2	67.6 x 29.6	81.0 x 38.0	84.8 x 63.6	105.4 x 30.7	104.2 x 38.2	139.0 x 47.7	118.8 x 88.2	97.9 x 163.2	141.1 x 201.6	163.0 x 244.5	190.1 x 237.6
Resolution (pixel)	200 x 200	200 x 200	296 x 160	360 x 184	300 x 200	384 x 168	384 x 180	400 x 300	522 x 152	480 x 176	792 x 272	648 x 480	480 x 800	672 x 960	640 x 960	768 x 960
Pixel Density	188 dpi	188 dpi	156 dpi	152 dpi	133 dpi	144 dpi	120 dpi	120 dpi	125 dpi	117 dpi	144 dpi	138 dpi	126 dpi	121 dpi	100 dpi	102dpi
Pixel Colors	BWRY (Black, White, Red, Yellow)															

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Newton Core +

SMART, SCALABLE, AFFORDABLE.
THE FUTURE OF DIGITAL SHELF LABELLING.

Newton Core+ blends affordability with advanced innovation to transform electronic shelf labelling for modern retailers. It enhances pricing accuracy, shelf efficiency, and operational visibility—all within a compact, cost-effective solution.

With seamless integration and scalable deployment, it simplifies digital transformation across stores of any size. Empower your team, improve store operations, and elevate customer experiences—without exceeding your budget.

Newton Core+ is more than affordable.
It's a smart step toward retail modernization.



4-Color
EPD

10x Faster
Update Speed
(vs. Conventional Model)

Protective
Window

10 Years
Battery Life
(2 updates / day)

7-Color
LED Indicator

Slim Bezel for a
Sleek Look

7 Pages,
Unlimited Uses

Anti-Glare
Surface
Supported

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PRODUCT SPECIFICATION SUMMARY									
Model	1.6"	2.0"	2.1"	2.5"	2.8"	3.5"	4.2"	5.8"	7.5"
Dimension (W X H X D)	36.87 x 45.57 x 10.45 mm 1.45 x 1.79 x 0.41 in	48.01 x 49.50 x 10.45 mm 1.89 x 1.95 x 0.41 in (TBU)	64.86 x 34.00 x 10.45 mm 2.55 x 1.34 x 0.41 in	72.77 x 37.82 x 10.45 mm 2.86 x 1.49 x 0.41 in	79.65 x 38.77 x 10.45 mm 3.14 x 1.53 x 0.41 in	98.32 x 47.91 x 10.55 mm 3.87 x 1.89 x 0.42 in	95.99 x 84.65 x 11.80 mm 3.78 x 3.33 x 0.46 in	166.35 x 62.79 x 13.80 mm 6.55 x 2.47 x 0.54 in	125.39 x 184.82 x 15.40 mm 4.94 x 7.28 x 0.61 in
Active Display Area (W X H)	27.00 x 27.00 mm 1.06 x 1.06 in	29.03 x 38.20 mm 1.14 x 1.50 in	46.75 x 24.13 mm 1.84 x 0.95 in	56.44 x 28.32 mm 2.22 x 1.11 in	63.58 x 29.27 mm 2.50 x 1.15 in	79.49 x 37.09 mm 3.13 x 1.46 in	84.80 x 63.60 mm 3.34 x 2.50 in	139.00 x 47.74 mm 5.47 x 1.88 in	97.92 x 163.20 mm 3.86 x 6.43 in
Resolution (Pixel)	200x200	152x200	248 x 128	296 x 152	296 x 128	480 x 224	400 x 300	792 x 272	480 x 800
Pixel Density	188 dpi	133 dpi	135 dpi	134 dpi	118 dpi	155 dpi	120 dpi	144 dpi	126 dpi
Pixel Colors	BWRY (black, white, red, yellow)								

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Newton Pro Full Color

MAKE YOUR SHELVES ALIVE.

Newton Pro Full Color displays a wide range of colors, allowing you to show exactly what you want on ESLs, breaking free from limitations of traditional displays.

Its enhanced display delicacy elevates your marketing and branding campaigns, inspiring customers.

Newton Pro Full Color boasts the fastest update speed and is rated IP68, offering the highest level of water and dust resistance.

Bring your business ideas to life with the most innovative ESLs.

** 25.3" in Q1 2026, 20.3" in Q2 2026*





Full Color



IP68 maximum durability



10x Faster Update Speed
(vs. Conventional Model)



10 Years Battery Life
(2 updates / day)



7-Color LED Indicator



Programmable Button

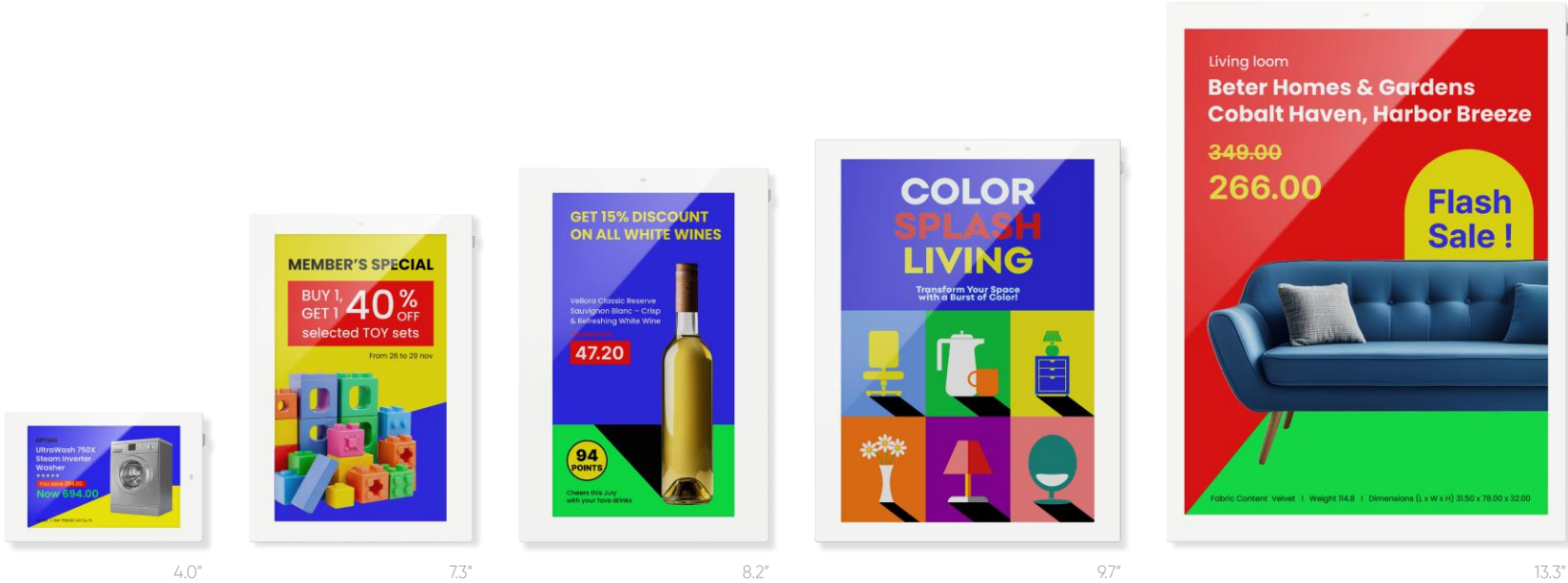


7 Pages, Unlimited Uses



Customizable Design

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PRODUCT SPECIFICATION SUMMARY					
Model	4.0"	7.3"	8.2"	9.7"	13.3"
Dimension (mm)	110.4 x 72.26 x 14.5 mm 4.35 x 2.84 x 0.57 in	125.0 x 182.9 x 15.95 mm 4.92 x 7.20 x 0.63 in	139.5 x 208.3 x 15.95 mm 5.49 x 8.20 x 0.63 in	170.2 x 223.6 x 15.2 mm 6.70 x 8.80 x 0.60 in	223.2 x 300.8 x 16.5 mm 8.79 x 11.84 x 0.65 in
Active Area (mm)	84.6 x 56.4 mm 3.33 x 2.22 in	96.0 x 160.0 mm 3.78 x 6.30 in	101.4 x 180.2 mm 3.99 x 7.09 in	141.1 x 201.6 mm 5.56 x 7.94 in	202.8 x 270.4 mm 7.98 x 10.64 in
Resolution (pixel)	600 x 400	480 x 800	576 x 1024	784 x 1120	1200 x 1600
Pixel Density	180 dpi	127 dpi	144 dpi	141 dpi	150 dpi
Pixel Colors	KWRYGB (Black, White, Red, Yellow, Green, Blue)				

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Newton Pro Extreme

BUILT TOUGH, DESIGNED TO LAST.

Retailers often rely on paper labeling in extreme environments because traditional ESLs fail to perform. Newton Pro Extreme changes that.

Designed to operate from -20°C to 60°C with UV protection and an IP68 rating, it withstands harsh conditions such as sunlit displays, high-temperature zones, refrigeration, high humidity, and exposure to water or dust.

Whether mounted in hot outdoor environments, frozen aisles, open docks, or rugged warehouses, it replaces manual paper labels with digital precision – reducing errors and maintenance while ensuring uninterrupted visibility and pricing accuracy.





UV Protection
Window & Resin



IP68 Rating for
Water & Dust Proof



Programmable
Button



Standing
from -20°C to 60°C



10x Faster
Update Speed
(vs. Conventional Model)

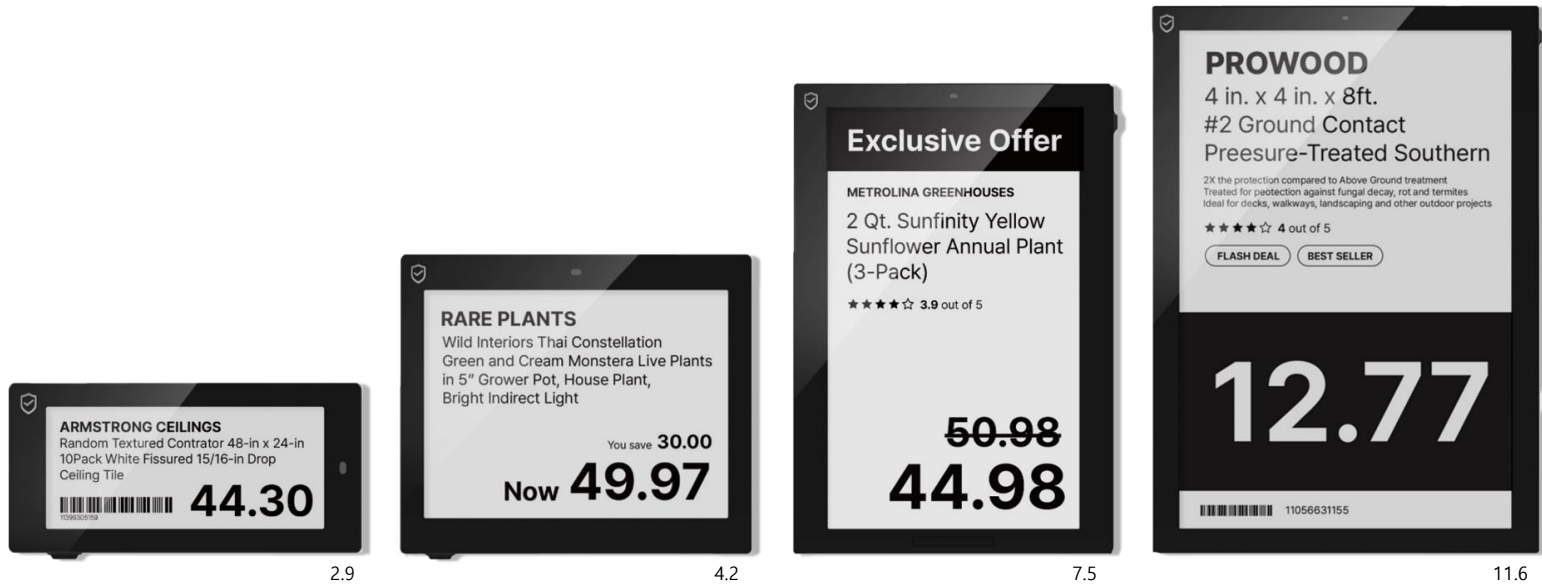


7-Color LED
Indicator



Up To 7 Pages
Display

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PRODUCT SPECIFICATION SUMMARY				
Model	2.9"	4.2"	7.5"	11.6"
Dimension (mm)	85.9 x 41.3 x 10.45 mm 3.38 x 1.62 x 0.41 in	98.1 x 83.7 x 12.45 mm 3.86 x 3.29 x 0.49 in	125.0 x 182.9 x 14.85 mm 4.92 x 7.2 x 0.58 in	192.0 x 269.1 x 15.35 mm 7.50 x 10.6 x 0.60 in
Active Area (mm)	67.6 x 29.6 mm 2.66 x 1.16 in	84.8 x 63.6mm 3.34 x 2.50 in	97.9 x 163.2 mm 3.86 x 6.43 in	163.0 x 244.5 mm 6.42 x 9.63 in
Resolution (pixel)	384 x 168	400 x 300	480 x 800	640 x 960
Pixel Density	144 dpi	120 dpi	126 dpi	100 dpi
Pixel Colors	BW (black, white)			

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Newton E-Paper 32"

THE WORLD SLIMMEST AND LONGEST.
SUPER LIGHT, BUT FULL OF IMPACT.

Say goodbye to the expense and environmental impact of constantly replacing and disposing of paper promotions, and break free from the high energy bills of LCDs.

The world's slimmest design and vibrant, full-color Electronic Paper display brings your content to life, captivating customers' attention even from a distance.

Unlike traditional displays that require constant power, it delivers information reliably with zero standby power consumption.

With the long battery life, we offer unparalleled reliability and operational efficiency.



376days
(1 update/day)

The Longest
Battery Life

16.4mm
2.3kg

The Slimmest and
Super Light Design

High-Impact Image
with Color Algorithm

No Paper Waste
No Power Cable

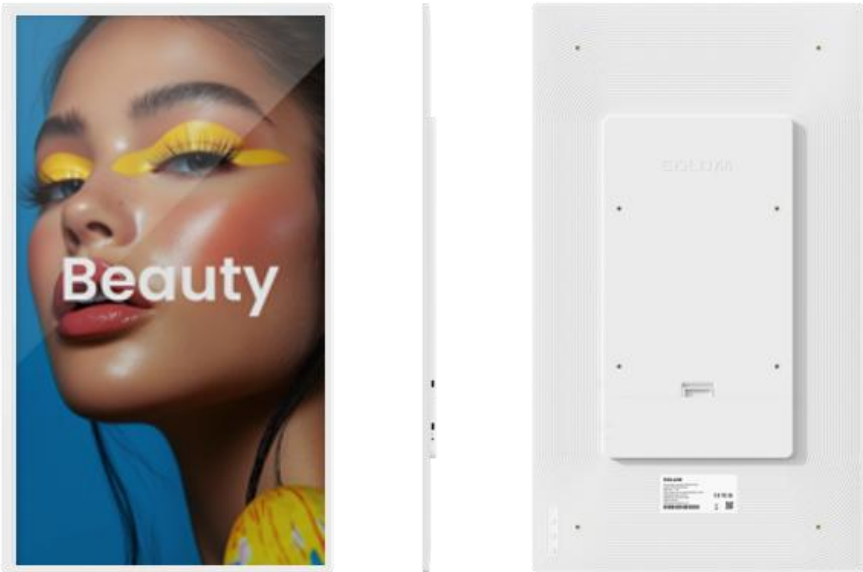
Flexible Design
Option with
Dual Display

Comprehensive
Content Managing
via App

Seamless Operation
via Wi-Fi, without
Additional Infra

Additional Profit
from Various Ads
(RMN)

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PRODUCT SPECIFICATION SUMMARY	
Model	Newton E-Paper 32"
Dimension (mm)	420.0 x 722.2 x 16.4
Active area (mm)	392.7 x 697.3
Resolution (pixel)	1,440 x 2,560
Pixel density	94 dpi
Pixel colors	KWRYGB (Black, White, Red, Yellow, Green, Blue)

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