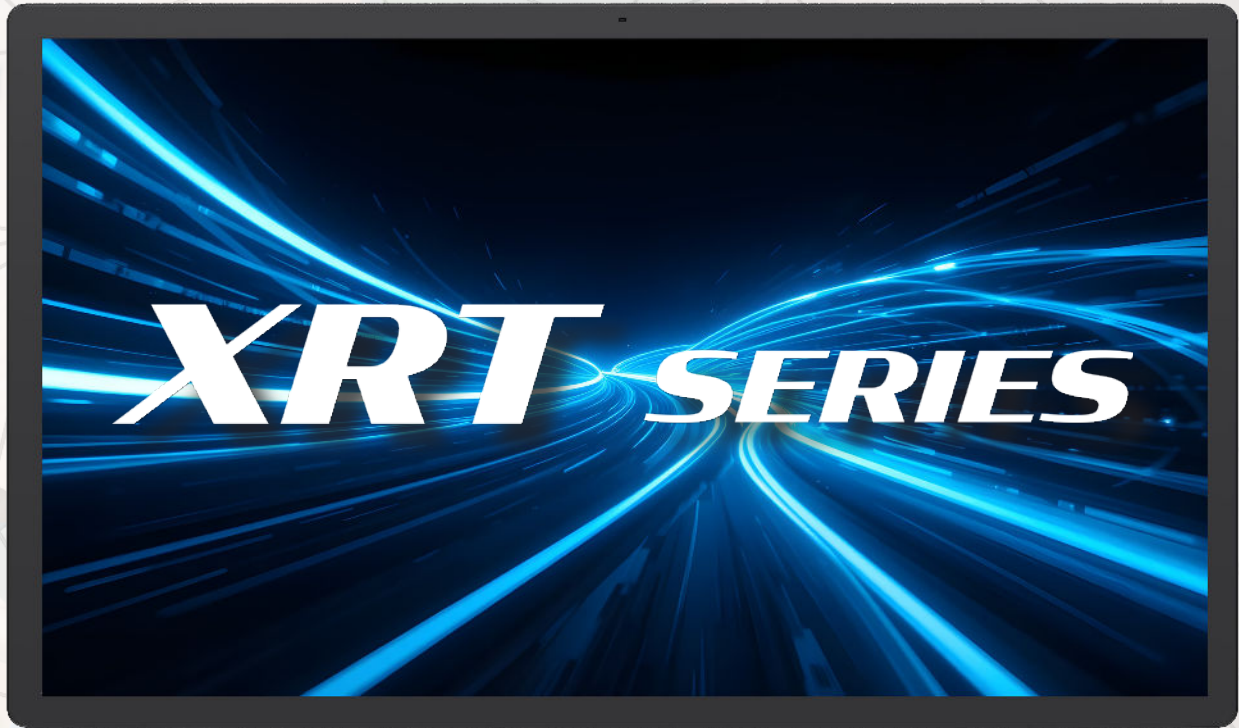
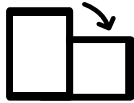


newline



IP56-rated
Weatherproof
Construction



Portrait or
Landscape
Orientation



Ultra High
Brightness for
Outdoor Visibility



Fast, reliable
connectivity with
Wi-Fi 6



Built-in Newline
Signage Pro
Integration



Enhanced
Android 14 OS



Available in sizes
43"-86"



Designed for
All-Season
Outdoor Use

BUILT FOR EVERY SCHOOL DAY—RAIN OR SHINE

The Newline XRT Series is a purpose-built outdoor display designed to meet the unique needs of K–12 education environments, where visibility, durability, and reliability are essential. With ultra-high brightness and screen sizes ranging from 43" to 86", the XRT Series ensures clear, easy-to-read content—even in direct sunlight—making it ideal for outdoor learning areas, playgrounds, athletic facilities, courtyards, and campus entrances.

Built for year-round use, the XRT Series features an IP56-rated, fully weatherproof design that protects against rain, dust, and changing weather conditions. This rugged construction allows schools to deploy outdoor digital displays with confidence, without the need for additional protective enclosures or frequent maintenance. Whether used for daily announcements or emergency communications, the XRT Series is designed to perform consistently throughout the school year.

Support for both portrait and landscape orientation gives schools the flexibility to present information in the most effective format. From schedules, lunch menus, and wayfinding to event promotions and safety messaging, content can be customized to fit each space and purpose. With its combination of brightness, durability, and versatility, the Newline XRT Series helps schools communicate clearly, keep communities informed, and extend learning and engagement beyond the classroom.

newline

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Model	XRT-4326	XRT-5526	XRT-6526	XRT-7526	XRT-8626
Display					
Active Screen Size	43"	55"	65"	75"	86"
Screen Type	LCD	LCD	LCD	LCD	LCD
Display Ratio	16:9	16:9	16:9	16:9	16:9
Resolution	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)
Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Colors	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion
Color Depth	10 bit (8 bit+FRC)	10 bit (8 bit+FRC)	10 bit (8 bit+FRC)	10 bit (8 bit+FRC)	10 bit (8 bit+FRC)
Color Gamut(TYP)	≥72% NTSC	≥72% NTSC	≥72% NTSC	≥72% NTSC	≥72% NTSC
After Glass Center Brightness (Min.) (100% White Field)	2000 nits	2000 nits	2000 nits	2000 nits	2000 nits
After Glass Center Brightness (TYP) (100% White Field)	2500 nits	2500 nits	2500 nits	2500 nits	2500 nits
Viewing Angle	178/178	178/178	178/178	178/178	178/178
Working time	24/7	24/7	24/7	24/7	24/7
Display Life Time (MTBF)	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours
Backlight Type	DLED-OD28	DLED-OD28	DLED-OD28	DLED-OD28	DLED-OD28
Panel					
Glass Surface Treatment	AG	AG	AG	AG	AG
Glass Surface Haze	≥25%	≥25%	≥25%	≥25%	≥25%
Glass Hardness	IK10	IK10	IK10	IK10	IK10
Glass Thickness	5 mm (0.19685 in)	5 mm (0.19685 in)	5 mm (0.19685 in)	5 mm (0.19685 in)	5 mm (0.19685 in)
Black border width	Four equilateral sides: 35.9 mm (1.413386 in)	Four equilateral sides: 35.9 mm (1.413386 in)	Four equilateral sides: 35.9 mm (1.413386 in)	Four equilateral sides: 35.9 mm (1.413386 in)	Four equilateral sides: 35.9 mm (1.413386 in)
Bonding Type	Optical bonding	Optical bonding	Optical bonding	Optical bonding	Optical bonding
Sound					
Speaker Position	Back	Back	Back	Back	Back
Speaker Power (Max.)	10W x 2	10W x 2	10W x 2	10W x 2	10W x 2
Electronic Capacity					
Working Voltage	AC100-240V 50-60hz	AC100-240V 50-60hz	AC100-240V 50-60hz	AC100-240V 50-60hz	AC100-240V 50-60hz
Smart System					
RAM	4	4	4	4	4
ROM	32	32	32	32	32
Android Version	Android 14	Android 14	Android 14	Android 14	Android 14
OPS Slot	N/A	N/A	N/A	N/A	N/A
Brightness sensor	Yes	Yes	Yes	Yes	Yes
WiFi Version	WiFi 6	WiFi 6	WiFi 6	WiFi 6	WiFi 6
Bluetooth	BT 5.2	BT 5.2	BT 5.2	BT 5.2	BT 5.2
Transportation & Storage					
Storage Temperature & Humidity	-22~140°F (-30~60°C) 10~85%RH (non-condensing)	-22~140°F (-30~60°C) 10~85%RH (non-condensing)	-22~140°F (-30~60°C) 10~85%RH (non-condensing)	-22~140°F (-30~60°C) 10~85%RH (non-condensing)	-22~140°F (-30~60°C) 10~85%RH (non-condensing)
Working Temperature/Humidity	-22~140°F (-30~60°C) 10~85%RH (non-condensing)	-22~140°F (-30~60°C) 10~85%RH (non-condensing)	-22~140°F (-30~60°C) 10~85%RH (non-condensing)	-22~140°F (-30~60°C) 10~85%RH (non-condensing)	-22~140°F (-30~60°C) 10~85%RH (non-condensing)
Installation Method	On wall; Support structural design for hanging/embedding	On wall; Support structural design for hanging/embedding	On wall; Support structural design for hanging/embedding	On wall; Support structural design for hanging/embedding	On wall; Support structural design for hanging/embedding
Mounting Method	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait
Mounting Vesa	300 x 400 mm	400 x 400 mm	400 x 400 mm	400 x 400 mm	400 x 400 mm
IP Rating	IP56	IP56	IP56	IP56	IP56
Display Weight	74.53 lbs (33.8 kg)	112.46 lbs (51 kg)	145.53 lbs (66 kg)	187.43 lbs (85 kg)	249.39 lbs (113.1 kg)
Rear I/O Ports					
2 x HDMI In (2.1, 4K@60Hz,HDCP2.3), 1 x ARC; 1 x Type C (PD 15W, full functions); 1 x USB 3.2 Gen 1 Public; 1 x Line Out; 1 x LAN In; 1 x RS232C (In); 1 x RS232C (Out)					
Certification					
FCC (EMC: Class A); UL (Safety); Energy star ES8.0					