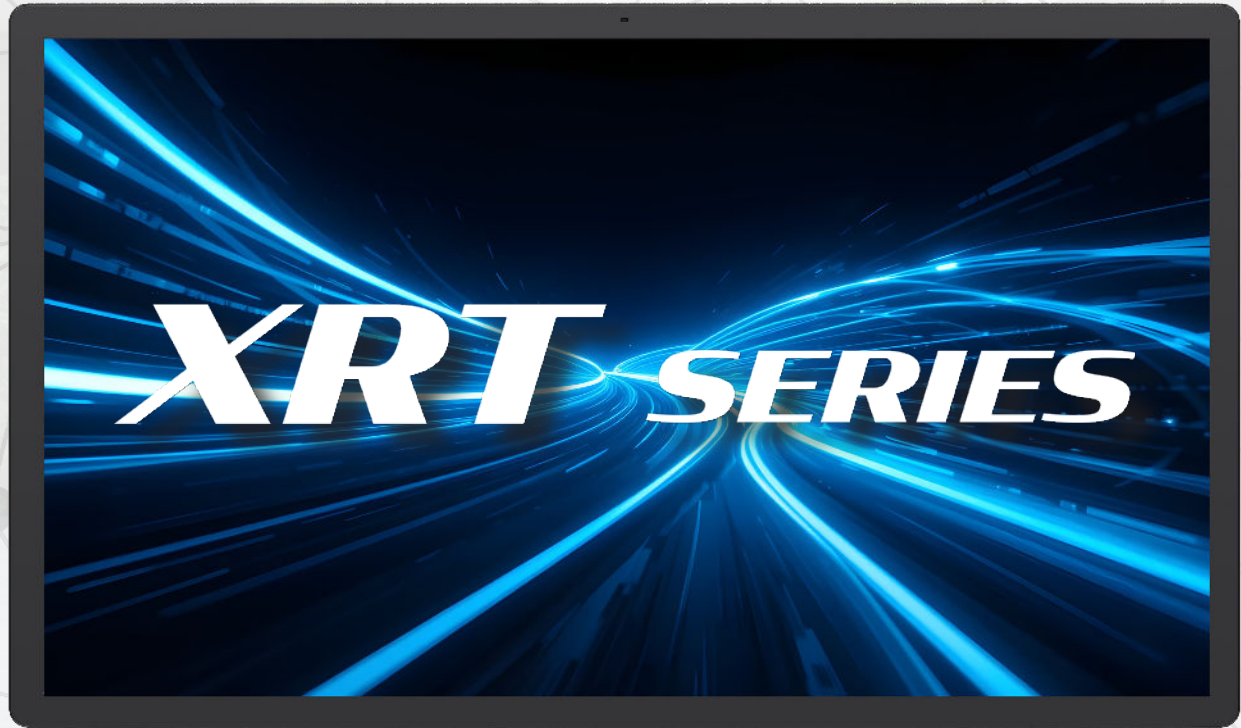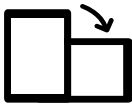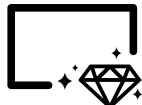# newline

| 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 |

OUTDOOR DISPLAYS FOR SMARTER CAMPUSES

The Newline XRT Series is a purpose-built outdoor display designed to support the dynamic communication needs of higher education environments. With ultra-high brightness and screen sizes ranging from 43" to 86", the XRT Series delivers clear, readable content—even in direct sunlight—making it ideal for campuses with open quads, walkways, athletic facilities, and outdoor gathering spaces.

Engineered for year-round campus use, the XRT Series features an IP56-rated, fully weatherproof construction that protects against rain, dust, and changing environmental conditions. This durable design ensures reliable operation across seasons without the need for additional enclosures, helping institutions reduce maintenance while maintaining consistent visibility. Whether used for campus announcements, event promotions, or emergency messaging, the XRT Series is built to perform in demanding outdoor settings.

Support for both portrait and landscape orientation provides flexibility to match a wide range of campus applications. From wayfinding and class schedules to digital signage, donor recognition, and branded messaging, content can be displayed in the format that best fits each location. With its combination of brightness, durability, and versatility, the Newline XRT Series enables colleges and universities to communicate effectively, enhance campus experiences, and keep students, faculty, and visitors informed—wherever campus life happens.

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
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				