



# newline X



Built-in  
Cameras



Microphone  
Array



Superior Touch



Annotation



Go Wireless



Collaboration  
Hub



Security



Win/Android/iOS  
Compatibility

## THE UNMATCHED ALL-IN-ONE UNIFIED COLLABORATION SOLUTION

The X series features an all-in-one solution for collaboration that is immersive, unified and effective. X series is designed to make your meetings more efficient. The two built-in 1080p wide-angle cameras let you be seen from anywhere in the room. The microphone array reduces noise and cancels echo. Your voice can be heard clearly. Advanced InGlass touch enables responsive touch for a smooth and intuitive writing experience as natural as writing on paper. Optical bonding gives you an ultra-wide 178° viewing angle. No matter where you sit in the room, the image is robust and clear.

X series allows you to meet, conference and collaborate without limitations. Share voice, video, data and annotations. Work on documents simultaneously with people on a conference call as if you were in the same room. With the instant digital discussion board and on-screen annotation tool, you'll never let another idea slip away.

newline X series features the following interactive ecosystem tools:

CAST

BROADCAST

DISPLAY MANAGEMENT

LAUNCH CONTROL

# newline X

Model	X6	X8	X9
	<b>Display</b>		
Display Backlight	LED		
Display Area	1431.30 x 806.30 mm	1662.24 x 941.96 mm	1897.10 x 1067.70 mm
Active Screen Size ("inch)	65"	75"	86"
Display Ratio	16 : 9		
Resolution	3840 x 2160 Pixels		
Display Colors	8 bit + FRC (1.07 billion) colors		10-bit(D), 1.07 Billion colors
LCD Brightness(After Glass)	370 nit		
Contrast Ratio (Dynamic)	4000:1		
Viewing Angle	178°		
Life time (working hours/day)	≥ 50,000 hours		
Response Time	8ms		
	<b>Speaker</b>		
Speaker Position	Forward		
Transmission Range	5m		
Speaker Max.Power Output	15 W x 2		
	<b>Camera</b>		
Position	Top x 1 & Bottom x 1 (Only one can use in the same time)		
Sensor	2M Pixels		
Lens	86°		
Video Resolution	1920 x 1080 @ 30fps (Max)		
Frame Rate	30fps @ 1080P		
	<b>Power</b>		
Power Consumption	Maximum ≤ 250 W Standby Mode ≤ 0.5 W	Maximum ≤ 400 W Standby Mode ≤ 0.5 W	Maximum ≤ 450 W Standby Mode ≤ 0.5 W
Working Voltage	AC100-240V ; 50/60 Hz		
	<b>Touch</b>		
Touch Surface Technology	Anti-Glare, tempered glass		
Touch Surface Hardness	> 7H		
Touch Sensor	InGlass		
Touch Points	Up to 20 Points		
Touch Screen Writing Tools	Pencil or Finger or Eraser		
Communication Interface	USB-A		
	<b>Transportation/ Storage</b>		
Storage Temperature/ Humidity	-15°C ~ 55°C / 20 ~ 90% RH (Non coagulation)		
Working Temperature/ Humidity	0°C ~ 40°C / 20 ~ 80% RH (Non coagulation)		
Mounting Options	Wall-mount or Mobile Stand		
Outline Dimensions	1569 x 1045 x 89 mm	1792 x 1169 x 103 mm	2039 x 1315.1 x 102.8 mm
Packing Dimensions	1720 x 1170 x 275 mm	1918 x 1295 x 275 mm	2170 x 1440 x 310 mm
Net Weight	45 kg	58 kg	71 kg
Gross Weight	57.5 ± 2 kg	72 ± 2 kg	93 ± 2 kg
VESA Mount installation position	600 x 400 mm 800 x 400 mm		
	<b>Ports</b>		
Front Interface Inputs	HDMI 1.4 (4k@30 Hz) x 1; USB-A 2.0 (Touch) x 1; USB-A 2.0 (Public) x 2; MIC In (Jack 3,5 mm) x 1		
AV Inputs	HDMI 2.0 (4k@60 Hz) x 2; HDMI 1.4 (4k@30 Hz) x 1; DP 1.2 (4K@60 Hz) x 1; USB-A 2.0 (Touch) x 4		
AV Outputs	HDMI out (Support 4k@60Hz, 1920x1080@60Hz, 720x480@60Hz) x 1; Line Out (Earphone Jack 3,5 mm) x 1; SPDIF Out x 1		
Other	USB-A 2.0 (Public) x 1; USB-A 2.0 (Embedded) x 1; USB-A 3.0 (Public) x 1; LAN Out (RJ45) x 1; Lan In (RJ45) x 1; RS232 (Serial) x 1; DC 5 V-2 A out; OPS Slots(4K@60/30Hz) x1		
	<b>Embedded Operating System</b>		
CPU	ARM Cortex A53 4 x core 1.4GHz		
GPU	ARM Mali450 MP4 6-cores 600MHz		
RAM	2GB		
ROM	8GB		
Android Version	5.0.1		
	<b>Other</b>		
OPS PC	Optional		
Build in WIFI	802.11 a/b/g/n/ac embedded (2.4G/5G Dual-band)		
Intelligent thermo protector	YES		
Built-in microphone	4-element array, Omnidirectional; Pickup distance 8 m; Echo cancellation; Beamforming; Noise reduction		
Newline Software Content	Newline Display management (SupportAndroid) Newline Cast (Support Windows and Android) & Broadcast (Support Android), Launcher Control (One year validity) key (Support Windows)		

## newline

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