

# Specification <sup>(1)</sup>

Model Name	X5	X7	X9
Backlight	LED		
Display Area	1209.6 x 680.4mm	1539 x 866 mm	1895 x 1066 mm
Active Screen Size	55"	70"	86"
Display Ratio	16 : 9		
Resolution	1,920 x 1,080 Pixel	1,920 x 1,080 Pixel	3,840 x 2,160Pixel
Display Colors	8 bit	10 bit	10 bit
Brightness	370 cd/m2	350 cd/m2	370 cd/m2
Contrast	4000:1	4000:1	4000:1
Response Time	8 ms	6 ms	8 ms
Lifetime	30,000 hrs	50,000 hrs	30,000 hrs
<b>Speakers</b>			
Speaker Position	Forward		
Rated Impedance	8Ω		
Freq. Response	80Hz (± 20%) -18kHz	90Hz (± 20%) -18kHz	20Hz - 12.5kHz
Output S.P.L.	84 ± 3dB		
Max. Power Output	2 x 10 Watts	2 x 15 Watts	2 x 15 Watts
<b>Microphone Array</b>			
Sensitivity	-28dB ± 3 dB		-38dB±3dB
Frequency Response	100 Hz - 7.75 KHz		20Hz - 12.5KHz
Polar Patterns	Omnidirectional		
THD +N (1kHz @ +4dBu)	<1% at 6dB SPL		<0.05%
Pickup Range	8 meters		
Quantity	1 Array (4 Microphones)		
<b>Cameras</b>			
Position	Top x 1, Bottom x 1(One at a time)		
Sensor	2M Pixels		
View Angle	86°		
Video Resolution	1,920 x 1,080 @30 fps (Max)		
Frame Rate	30 fps / 60 fps		
<b>Electrical</b>			
Power Consumption	Max. <160 W Standby Mode ≤0.5 W	Max. <250 W Standby Mode ≤0.5 W	Max. <350W Standby Mode ≤0.5 W
Working Voltage	AC 100-240V, 50/60Hz		
<b>Touch</b>			
Touch Surface	Tempered Anti-Glare Glass		
Transparency	>89%	>90%	88%
Surface Hardness	H8	H7	H7
Touch Technology	TRUFLAT		
HID Support	HID		
Touch Points	10 Points in Windows / 5 Points in embedded system		10 Points in Windows / 3 Points in embedded system
Writing Tools	Stylus or Finger	Pencil, Stylus or Finger	Stylus, Finger, Eraser
Scan Speed	100 Hz	180 Hz	133Hz
Positioning Accuracy	1 mm	1 mm	Center area 1.0-1.5 mm / Edge area 1.2-2.0 mm

Model Name	X5	X7	X9
Storage Temp /Humidity	-10°C - 50°C / 10% - 90%		
Working Temp /Humidity	0°C - 40°C / 10% - 90%		
Mounting (optional)	Wall-mounted / Floor Stand		
Outline Dimension	1,320 x 886 x 87 mm	1,589 x 1,049 x 78 mm	2,039 x 1,316 x 109 mm
Packing Dimension	1,470 x 995 x 265 mm	1,720 x 1,180 x 270 mm	2,150 x 1,400 x 310 mm
Net Weight	36 kg	65 kg	79 kg
Gross Weight	45 kg	81 kg	99 kg
<b>Ports</b>			
Front Interface Inputs	Microphone (3.5mm) x 1, HDMI x 1, USB (Touch) x 1, USB (Internal PC) x 1, USB (Embedded System) x 1		Microphone In x 1 HDMI x 1, USB (Touch) x 1, USB(Public) x 2,
AV Inputs	HDMI x 1, VGA x 1, USB (Touch) x 2, Audio (3.5mm) x 1		HDMI(4K@60Hz x 1, 4K@30Hz*2) x 3, DP x 1, USB(Touch) x 4
AV Outputs	3.5mm Line out x 1, HDMI x 1 (Video Only)		HDMI x 1, Line Out x1, DC Out(SV 2A)
Other	USB 2.0 x 2, RS232 x 1, RJ45 x 1, USB 3.0 x 1, SD Card Reader, OPS Slot		
<b>Other Features</b>			
Intelligent Thermo Protector	Yes		
<b>System</b>			
Chips	ARM Cortex A9 Quad Core 1.5 GHz		ARM A53 x 4 1.4GHz
RAM	2GB		
ROM	8GB		
Multimedia File Formats Support	Support all major types of multi-media files		
<b>OPS PC</b>			
CPU	i5-4210M / i7-4610M (Optional)		
GPU	Intel HD Graphics 4600		
RAM	8GB DDR3 1600MHz		
Hard Disk	128GB SATA3 SSD		
USB 2.0/3.0	4 / 2		
LAN	1 x 10/100/1000 M		
HDMI Out	1		
Microphone In	1		
Line Out	1		
SPDIF Out	1		
Build-in Wi-Fi	802.11b/g/n		

<sup>(1)</sup> All specifications are subject to change without further notice.



205 Westwood Ave, Long Branch, NJ 07740  
 Phone: 866-94 BOARDS (26273) / (732)-222-1511  
 Fax: (732)-222-7088 | E-mail: sales@touchboards.com

# TRU TOUCH X Series

The Next Generation of Collaboration



TRUFLAT Design

Amazing Writing Experience

Tailor-Made Meeting System

## Newline NEWLINE INTERACTIVE

**US Headquarters**  
 101 East Park Blvd, Suite 807  
 Plano, TX 75074, USA  
 TEL: +1-972-468-9728  
<http://www.newline-interactive.com/>  
 Want to buy: info@newline-interactive.com  
 Become our partner: partner@newline-interactive.com

**Europe Office**  
 Ronda de Poniente, N°2, 1ª planta, Oficina 1B,  
 28760, Tres Cantos, Madrid, Spain.  
 TEL: +34-911169178  
 Want to buy: info\_eu@newline-interactive.com  
 Become our partner: partner\_eu@newline-interactive.com

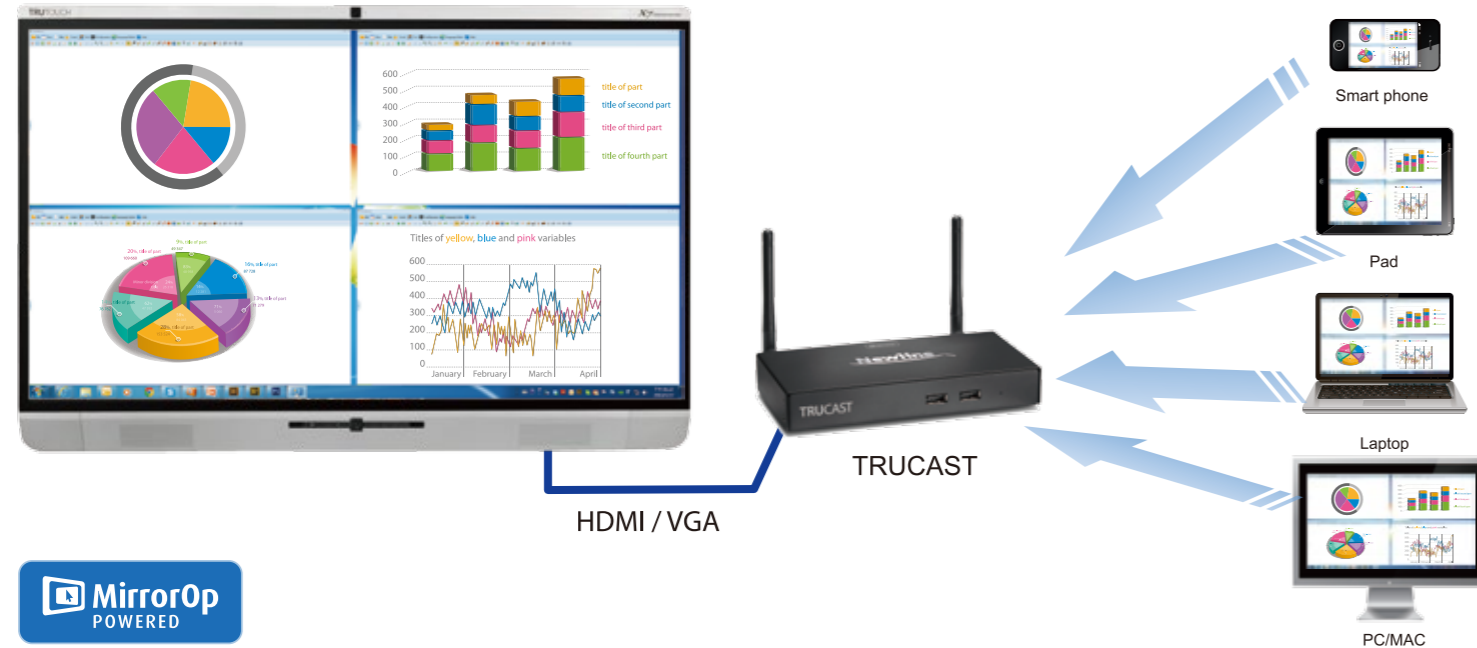
**Asia Pacific Office**  
 4F-3, No.76,Sec.2, Jiafeng S.Rd,  
 Zhubei City, Hsinchu County, 30272, Taiwan  
 Tel: +886-3-5504768  
 Want to buy: info\_ap@newline-interactive.com  
 Become our partner: partner\_ap@newline-interactive.com



Scan for more information

# Product Advanced Features

## BYOD- Bring your Own Device (TRU TOUCH Premium)



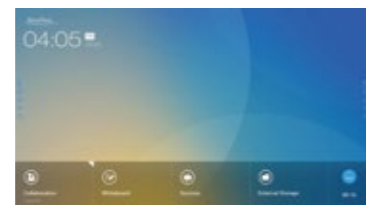
## Start meeting

- Simple interface when power on
- One touch to start meeting



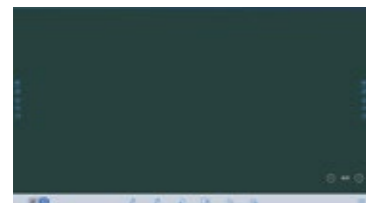
## Home page

- **Four major functions**  
Collaboration, whiteboard, sources, external storage
- **Express keys**  
Annotation, whiteboard, home, return, programs
- **Timer for counting meeting time**



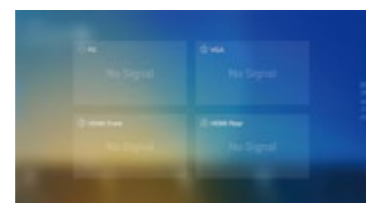
## Whiteboard

- Single touch turns screen into whiteboard
- Natural way to share ideas and comments with meeting members
- Multiple colors/thickness of pen and marker
- Multiple board background choices
- Multiple page available



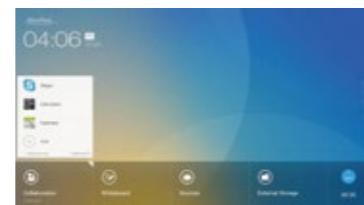
## Signal Sources

- Four different signal sources preview in the same screen
- PC / HDMI Front/Rear / VGA
- Easy to switch between input sources
  - Press home key to return to Android



## Collaboration

- 3 frequent used collaboration meeting programs in quick start list
- Easily enter the same collaboration meeting program as last meeting with one touch
- List can be customized



## End meeting

- Choose meeting notes to save to your own USB or SD card before ending meeting
- Notes and annotation will be deleted after ending meeting for information security



## TRUFLAT Design

- The MOST attractive display in the world
- The ONLY touch screen with TRUFLAT technology



※X5/X7 only

## Superb High Quality Audio

Two speakers deliver authentic human voice, making remote conversations sound like happening in the same meeting room



## All-in-One Design Brings Simple Installation

No complicated hardware and software installation needed. Simply turn on X7 and click to start a meeting



## Front I/O Port

Multiple I/O ports in the front make meeting member easy to access their meeting files by connecting USB drive or laptop. Special designed pen slot for keeping customized pen well stored



## Amazing Writing Experience

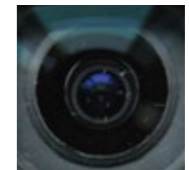
Writing on X series feels just like writing on your favorite notepad. Providing meeting members inspirational confidence to have better meeting



## Two 1080p Wide Angle Cameras

Switching between top and bottom cameras to make participants from multiple locations see and interact with one another naturally

Full HD  
1080



## Advanced Microphone Array

Acoustic echo cancellation, auto gain control, and noise reduction technologies enables meeting participants to be heard clearly across a 8-meter meeting room



## Connect the Way You Want

X series has multiple HDMI, USB, and AV ports, providing connections to external PC, microphone, speakers, and other multimedia players

