



Newline

# TRU TOUCH X Series

## THE NEXT GENERATION OF COLLABORATION

Use the Unified Collaboration (UC) software of your choice and collaborate with anyone, anywhere. Our non-proprietary design means that our interactive display will work in your world, and not force you to work in ours. Hold a videoconference, take notes during a meeting, or share a presentation, all with your preferred software.

### Completely Non-proprietary

No limit to interaction; collaborate with anyone, anywhere, using the software you want.

### Intuitive and Easy to Use

Every TRU TOUCH is designed with ease of use in mind. No training required, just start collaborating!

### Superior Touch Experience

With 20 points of touch and InGlass technology, write as smoothly as you would on a phone or tablet.

### Powerful On-Board Computer

The included OPS computer brings you all the power of a desktop computer built into your display.



## Built-in cameras and microphones bring the world into your collaboration space.

The TRU TOUCH X Series features two 1080p wide angle cameras that allow anyone to feel as though they are in the room with you, no matter where you are in the room. With cameras on both the top and bottom of the interactive display, select the view that gives you the best image of the room for your personal setup. A 4-element microphone array with built-in echo cancellation and noise reduction provides sound that is always robust and clear.

# TRU TOUCH X Series - Specifications

	TRU TOUCH X5	TRU TOUCH X6	TRU TOUCH X8	TRU TOUCH X9
Backlight	LED	LED	LED	LED
Display Area	47.62 x 26.79 in	56.23 x 31.63 in	64.97 x 36.55 in	74.69 x 42.05 in
Active Screen Size	55 in	65 in	75 in	86 in
Display Ratio	16:9	16:9	16:9	16:9
Resolution	1920 x 1080 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
Display Colors	8 bit	8 bit	8 bit	10 bit
Brightness	370 nit	370 nit	370 nit	370 nit
Contrast	4000:1	4000:1	4000:1	4000:1
Response Time	6 ms	8 ms	8 ms	8 ms
Viewing Angle	178°	178°	178°	178°
Life Time	50000 hr	50000 hr	50000 hr	50000 hr
Speaker Position	Forward	Forward	Forward	Forward
Rated Impedance	8Ω	8Ω	8Ω	8Ω
Frequency Response	90 Hz (±20%) - 18 kHz	20 - 18 kHz	20 - 18 kHz	80 Hz (±20%) - 18 kHz
Output S.P.L.	82±3 dB	< 13W	< 13W	84±3 dB
Max. Speaker Power Output	30 W	30 W	20 W	20 W
Sensitivity	-28dB±3dB	-38dB±3dB	-38dB±3dB	-38dB±3dB
Frequency Response	100Hz - 7.75KHz	65Hz - 7.75KHz	65Hz - 12.5KHz	20Hz - 12.5KHz
Polar Patterns	Omnidirectional	Omnidirectional	Omnidirectional	Omnidirectional
Total Harmonic Distortion (THD)	<1% at 6dB SPL	<0.05% at 6dB SPL	<0.05% at 6dB SPL	<0.05% at 6dB SPL
Microphone Pickup Range	26.2 ft	26.2 ft	26.2 ft	26.2 ft
Quantity	4	4	4	4
Camera Position	Top x 1 & Bottom x 1	Top x 1 & Bottom x 1	Top x 1 & Bottom x 1	Top x 1 & Bottom x 1
Sensor	2M Pixels	2M Pixels	2M Pixels	2M Pixels
Lens	86°	86°	86°	86°
Video Resolution	1920 x 1080@30 fps (Max)	1920 x 1080@30 fps (Max)	1920 x 1080@30 fps (Max)	1920 x 1080@30 fps (Max)
Frame Rate	30 fps/60 fps	30 fps/60 fps	30 fps/60 fps	30 fps/60 fps
Power Consumption	Maximum <180 W Standby Mode ≤0.5 W	Maximum <220 W Standby Mode ≤0.5 W	Maximum <300 W Standby Mode ≤0.5 W	Maximum <450 W Standby Mode ≤0.5 W
Working Voltage	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz
Touch Surface	Anti-glare tempered glass	Optically-bonded anti-glare tempered glass	Optically-bonded anti-glare tempered glass	Optically-bonded anti-glare tempered glass
Transparency	>89%	>88%	>88%	>88%
Haze	<0%	<2%	<2%	<2%
Surface Hardness	>H8	>H7	>H7	>H7
Touch Technology	InGlass	InGlass	InGlass	InGlass
HID support	HID	HID	HID	HID
Touch Points	10 Points in Windows & 5 Points in Android	20 Points in Windows & 10 Points in Android	20 Points in Windows & 3 Points in Android	20 Points in Windows & 3 Points in Android
Writing Tools	X Series Pen or Finger	X Series Pen or Finger	X Series Pen or Finger	X Series Pen or Finger
Touch Resolution	63488 x 35840 mm	19354 x 10866 mm	19354 x 10866 mm	19354 x 10866 mm
Scan Speed	120 Hz	120 Hz	133 Hz	133 Hz
Positioning Accuracy	1mm	1 - 2 mm	1 - 2 mm	1 mm
Communication Interface	USB-A	USB-A	USB-A	USB-A
Storage Temperature/Humidity	14°F-122°F/10%~90% RH	14°F-122°F/10%~90% RH	14°F-122°F/10%~90% RH	14°F-122°F/10%~90% RH
Working Temperature/Humidity	32°F-104°F/10%~90% RH	32°F-104°F/10%~90% RH	32°F-104°F/10%~90% RH	32°F-104°F/10%~90% RH
Mounting Options	Wall-mounted / Floor Stand	Wall-mounted / Floor Stand	Wall-mounted / Floor Stand	Wall-mounted / Floor Stand
Display Outer Dimension	52 x 34.9 x 3.4 in	61.7 x 41.1 x 3.5 in	70.6 x 46.1 x 4 in	80.3 x 51.8 x 4 in
Packaged Dimension	57.9 x 39.2 x 10.4 in	67.7 x 46.1 x 10.8 in	75.5 x 51 x 10.8 in	84.7 x 55.1 x 12.2 in
Net Weight	79.4 lbs	99.2 lbs	121.3 lbs	174.10 lbs
Gross Weight	99.2 lbs	123.5 lbs	156.5 lbs	207.24 lbs
Front Interface Inputs	Microphone(3.5mm) x 1, HDMI x 1, USB(Touch) x 1, USB(OPS) x 1, USB(Android) x 1	Microphone(3.5mm) x 1, HDMI x 1, USB(Touch) x 1, USB(OPS) x 1, USB(Android) x 1	Microphone(3.5mm) x 1, HDMI x 1, USB(Touch) x 1, USB(OPS) x 1, USB(Android) x 1	Microphone(3.5mm) x 1, HDMI x 1, USB(Touch) x 1, USB(OPS) x 1, USB(Android) x 1
AV Inputs	HDMI(MHL) x 1, VGA x 1, USB(Touch) x 2, Audio x 1	HDMI(4K@60Hz*2, 4K@30Hz*1) x 3, DP x 1, USB(Touch) x 4	HDMI(4K@60Hz*1, 4K@30Hz*2) x 3, DP x 1, USB(Touch) x 4	HDMI(4K@60Hz*1, 4K@30Hz*2) x 3, DP x 1, USB(Touch) x 4
AV Outputs	3.5mm Line out x 1, HDMI x 1	HDMI x 1, Line Out x1, DC Out(5V 2A), SPDIF x 1	3.5mm Line out x 1, HDMI x 1, DC Out (5V 2A) x 1	3.5mm Line out x 1, HDMI x 1, DC Out (5V 2A) x 1
Other	USB2.0 x 2, Serial Port x 1, RJ45 x 1, USB3.0 x 1, SD Reader, OPS Slot	USB2.0 x 2, RS232 x 1, RJ45 x 2, USB3.0 x 1, SD Reader, OPS Slot(4K@60Hz)	USB2.0 x 2, Serial Port x 1, RJ45 x 1, USB3.0 x 1, SD Reader, OPS Slot (4K@60Hz)	USB2.0 x 2, Serial Port x 1, RJ45 x 1, USB3.0 x 1, SD Reader, OPS Slot (4K@60Hz)
Intelligent Light Detector	Yes	Yes	Yes	Yes
Chipset	ARM Cortex A9 Quad Core 1.56 ghz	ARM Cortex A53 Quad Core 1.4 ghz	ARM Cortex A53 Quad Core 1.4 ghz	ARM Cortex A53 Quad Core 1.4 ghz
RAM	2 GB	2 GB	2 GB	2 GB
Flash	8 GB	8 GB	8 GB	8 GB
Android Version	4.3	5.0.1	5.0.1	5.0.1
Multimedia File Formats Supported	All major multimedia files supported	All major multimedia files supported	All major multimedia files supported	All major multimedia files supported
Input Resource Preview	Yes	Yes	Yes	Yes
On Screen Annotation	Yes	Yes	Yes	Yes
Interactive Whiteboard Function	Yes	Yes	Yes	Yes
CPU	I7 - 4610M	I7-6500 2.4GHz	I7-6500 2.4GHz	I7-6500 2.4GHz
GPU	Intel HD Graphics 4600	Intel HD Graphics 520	Intel HD Graphics 520	Intel HD Graphics 520
RAM	8 GB DDR3 1600 MHz	8 GB DDR4 1600 MHz	8 GB DDR4 1600 MHz	8 GB DDR4 1600 MHz
Hard Disk	128 G SATA3 SSD	256 G SATA3 SSD	256 G SATA3 SSD	256 G SATA3 SSD
USB 2.0	4	2	2	2
USB 3.0	2	2	2	2
LAN	1	1	1	1
HDMI	1	1	1	1
Microphone in	1	1	1	1
Line out	1	1	1	1
SPDIF OUT	1	1	1	1
Built-in Wifi	802.11b/g/n	802.11b/g/n/ac	802.11b/g/n/ac	802.11b/g/n/ac
OS	Win10 Pro x64 (other OS optional)	Win10 Pro x64 (other OS optional)	Win10 Pro x64 (other OS optional)	Win10 Pro x64 (other OS optional)