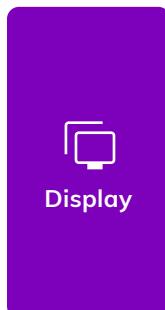


Touchscreen Core vs T7 vs Titan



Comparison

Hardware Features

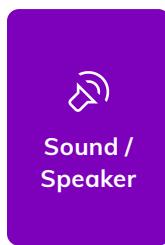


Touchscreen Core

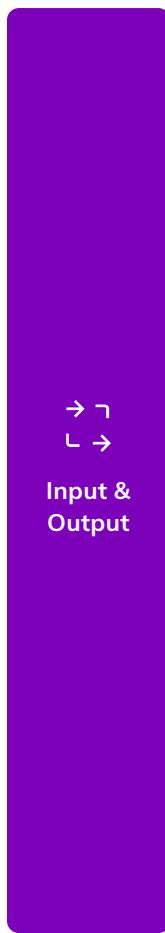
Touchscreen T7

Touchscreen Titan

Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Refresh Rate	60 Hz	60 Hz	60 Hz
Display Color	1.07 Billion colors	1.07 Billion colors	1.07 Billion colors
Backlight	LED	LED	Mini-LED with local dimming
Brightness (typical)	400 cd/m ²	Up to 450 cd/m ²	Up to 1200 cd/m ²
Viewing Angle	178° (H/V)	178° (H/V)	178° (H/V)



Speaker type	2pcs Built-in, Left/Right	2pcs Built-in, Left/Right	2pcs Built-in, Left/Right
Speaker output	2x 20W	2 x 20W	2 x 20W
Subwoofer	No	1x 25W	1x 25W
Microphone	No (Optional microphone available)	Built-in 8 array microphone with noise reduction	Built-in 8 array microphone with noise reduction



HDMI Input	3x (1x Front, 2x Side)	4x (1x Front, 3x Side)	4x (1x Front, 3x Side)
HDMI Output	1x	1x	1x
VGA Input	1x	0	1x
USB ports	5x (2x Front 3.0, 2x Side 3.0, 1x Side 2.0)	5x (2x Front 3.0, 2x Side 3.0, 1x Side 2.0)	5x (2x Front 3.0, 2x Side 3.0, 1x Side 2.0)
RS232	1x	1x	2x
RJ-45	2x (in/out 10M,100M/1000 Mbps)	2x (in/out 10M,100M/1000 Mbps)	2x (in/out 10M,100M/1000 Mbps)
Touch USB ports	2x	2x	2x
Bluetooth	5.3	5.2	5.3
Wi-Fi	Wi-Fi 6E (2.4 Ghz + 5 Ghz + 6 GHz)	Wi-Fi 6 (2.4 Ghz + 5 Ghz)	Wi-Fi 6E (2.4 Ghz + 5 Ghz)
SPDIF	0	1x	1x
Audio in	1x 3.5mm	1x 3.5mm	1x 3.5mm
Audio out	1x 3.5mm	1x 3.5mm	1x 3.5mm
DP 1.2	1x	1x	1x
SD Card Slot	1x	0	0
Type-C in	2x (1x Front 65W, 1x Rear 15W)	3x (1x Front 100W, 1x Side 15W, 1x Top)	3x (1x Front 100W, 1x Side 15W, 1x Top)
Type-C out	No	1x Rear (supports 4K @ 60 video out)	1x Rear (supports 4K @ 60 video out)
Type-C functionality	Full feature type C with USB, Video, Audio, Network and touch support	Full feature type C with USB, Video, Audio, Network and touch support	Full feature type C with USB, Video, Audio, Network and touch support
OPS PC slot	1x OPS PC Slot	1x OPS PC Slot	1x OPS PC Slot

 Touch Screen	Surface protection	Anti-glare, Anti-fingerprint, 9H hardness	Anti-glare, Anti-fingerprint, 9H hardness	Anti-glare, Anti-fingerprint, 9H hardness
	Touch resolution	32768 x 32768	32768 x 32768	32768 x 32768
	Touch accuracy	1 mm	1 mm	1 mm
	Annotation over any source	Yes	Yes	Yes
	Touch response time	<2.5ms	<2.5ms	<2.5ms
	Palm rejection	Yes	Yes	Yes
	Pen and touch differentiation	Yes	Yes	Yes
	Pressure sensitivity	No	Supported for whiteboarding	Supported for whiteboarding
	Pens included	2x Stylus pens with anti-bacterial coating	2x Stylus pens with anti-bacterial coating	2x Stylus pens with anti-bacterial coating
 Android	Technology	IR touch with Zero bonding Gen2	IR touch with Zero bonding Gen2	IR touch with Zero bonding Gen2
	OS Version	Android 14 with EDLA	Android 13 with EDLA	Android 15 with EDLA
	CPU	RK3576 Octa-core processor (4x A53 + 4x A72)	RK3588 Octa-core processor (4x A76 + 4x A55)	RK3588 Octa-core processor (4x A76 + 4x A55)
	GPU	Mali G52MP8	Mali G610 MP4	Mali G610 MP4
	NPU (for AI processing)	6 TOPS	6 TOPS	6 TOPS
	Storage	128 GB	128 GB	256 GB
	RAM	8 GB	8 GB	16 GB
 Other Features	Touch	Up to 40 points	Up to 50 points	Up to 50 points
	Voice commands	Supported but require additional microphone	Supported using Google voice with dedicated button on remote control	Supported using Google voice with dedicated button on remote control
	NFC card reader	No (Optional using sensor box module)	Yes, with NFC based user login support	Yes, with NFC based user login support
	Webcam port on top	No	Type C port on top to support webcam	Type C port on top to support webcam
	Ambient light sensor	Yes for autobrightness adjustment	Yes for autobrightness adjustment	Yes for autobrightness adjustment
	Wake-on-LAN	Supported	Supported	Supported
	Wake-on-HDMI	Supported	Supported	Supported
	Remote control features	Google voice assistant button, 3 hotkey buttons to open any user selected app or function	Google voice assistant button, 3 hotkey buttons to open any user selected app or function	Google voice assistant button, 3 hotkey buttons to open any user selected app or function
 Accessories and Cables	Cables and accessories	1x HDMI cable, 1x Power cable, 1x USB touch cable, 2x Stylus pens with anti-bacterial coating, 1x Magnetic eraser, 1x Remote control for display	1x HDMI cable, 1x Power cable, 1x USB touch cable, 2x Stylus pens with anti-bacterial coating, 1x Remote control for display, 1x Whiteboard magnetic eraser, 1x Beacon Card	1x HDMI cable, 1x Power cable, 1x USB touch cable, 2x Stylus pens with anti-bacterial coating, 1x Remote control for display, 1x Whiteboard magnetic eraser

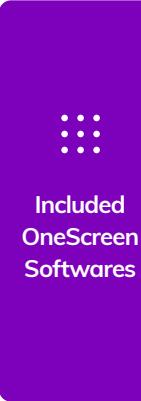
Software Features	Touchscreen Core	Touchscreen T7	Touchscreen Titan
 New Features	<p>Supported Home screen Interfaces  1</p> <p>Calendar with one click meeting join  Supported</p> <p>Presenter audio amplification using screen speakers  Supported (Requires Wireless Mic Kit module)</p>	<p> 1</p> <p> Not Supported</p> <p> Not Supported</p>	<p> 2 (separate for corporate and education)</p> <p> Supported</p> <p> Not Supported</p>
 Whiteboard and Annotate	<p>Pen-to-annotate  Supported</p> <p>Palm Rejection  Supported</p> <p>Finger to select  Supported</p> <p>Text Translation in whiteboard  Supported</p> <p>Image and video search engines  Supported</p> <p>Integration with Lesson AI  Supported</p> <p>Import content from AI chat  Supported</p>	<p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Requires SW update</p> <p> Supported</p> <p> Requires SW update</p> <p> Requires SW update</p>	<p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p>
 Screen Sharing	<p>No of Screens that can be shared simultaneously  9</p> <p>Privacy screen  Supported</p> <p>Device sharing (webcam, mic, etc.)  Supported</p>	<p> 9</p> <p> Supported</p> <p> Supported</p>	<p> 9</p> <p> Supported</p> <p> Supported</p>
 AI Tools	<p>OneScreen Scrybe  Supported (external or wireless mic needed)</p> <p>OneScreen Lesson builder  Supported</p> <p>OneScreen SuprNotes (within Scrybe)  Supported (external or wireless mic needed)</p> <p>AI chatbot to provide answers to users  Supported</p> <p>Smart selection tool  Supported</p> <p>AI Quiz generator  Supported</p>	<p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p>	<p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p> <p> Supported</p>
 OneScreen Account	<p>NFC based login  Requires sensor box module</p> <p>OneScreen AMS to create accounts  Supported</p> <p>Google SSO with multi-user profile  Supported</p>	<p> Supported</p> <p> Supported</p> <p> Supported</p>	<p> Supported</p> <p> Supported</p> <p> Supported</p>



Check device health	✓ Supported	✗ Not Available	✓ Supported
Check warranty and subscription status	✓ Supported	✗ Not Available	✓ Supported
One click information sharing with Guru team	✓ Supported	✗ Not Available	✓ Supported
News and Updates related information on OneScreen Applications	✓ Supported	✗ Not Available	✓ Supported
Documents, videos and tutorials	✓ Supported	✗ Not Available	✓ Supported



Help via Audio and Video call	✓ Supported	✗ Not Available	✓ Supported
Help via App (MacOS, Android, Windows)	✓ Supported	✗ Not Available	✓ Supported
Help via chat	✓ Supported	✗ Not Available	✓ Supported



OneScreen QuizWiz	5 annual licenses	5 annual licenses	5 annual licenses
OneScreen Lessn	5 annual licenses	5 annual licenses	5 annual licenses
OneScreen Beacon	Optional	1 badge and 1 annual device license	1 badge and 1 annual device license
OneScreen Share	Perpetual License	Perpetual License	Perpetual License
OneScreen Scrybe	1 annual device license	1 annual device license	1 annual device license
OneScreen Central	1 annual device license	1 annual device license	1 annual device license
OneScreen GURU	Perpetual License	Perpetual License	Perpetual License

Specifications are subject to change at any time without notice. June, 2025 © All rights reserved.