

Touchscreen Core vs T7 vs Titan

Comparison

Hardware Features



Touchscreen Core



Touchscreen T7



Touchscreen Titan



Display

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)



Sound / Speaker

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



Input & Output

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
Technology	IR touch with Zero bonding Gen2	IR touch with Zero bonding Gen2	IR touch with Zero bonding Gen2



Android

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
Touch	Up to 40 points	Up to 50 points	Up to 50 points








Other Features

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



OneScreen App

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



On-Screen Access

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



Included OneScreen Softwares

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

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