

newline

Redefining Smart Collaboration

New
Launch

QCA+ SERIES

NOW UPGRADED TO

ANDROID 15



EDLA CERTIFIED
ANDROID 15
OFFICIAL GOOGLE PLAYSTORE



16GB
RAM

SALIENT FEATURES:



Google EDLA Certified

Full access to Google Workspace apps



Integrated 4K AI Camera

4K at 30 fps, 120° field of view
15° tilt range



Built in 8 Mic Array

Echo cancellation, Beamforming
Noise Reduction



Processor

Rockchip RK3588 octa-core
with Mali Odin G610 MC4 GPU



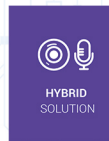
Memory

16 GB DDR4 RAM and 320 GB expandable storage



4K UHD Display

3840x 2160 resolution, Max 500cd/m² brightness
178° viewing angle



Audio

20W x 2 front speakers and a 20W rear subwoofer for rich sound output



USB-C

100W powered USB-C port for seamless device integration



NFC Login

Fast and secure access for multiple users



Touch Technology

Supports passive pen, finger, and first inputs with ±1 mm accuracy



Wi-Fi 6 and Bluetooth 5.2

High-speed wireless connectivity



Connectivity

Multiple HDMI, USB, and audio ports, SDM-S and OPS slots



Durable Design

Anti-glare, anti-fingerprint antimicrobial tempered glass



Certified Zero Bonding Technology

WHITEBOARD

CAST+

ENGAGE

DISPLAY MANAGEMENT PLUS

CLASSROOM TOOLS

VISUAL COMMUNICATION SOLUTION

newline QCA+ SERIES

MODEL	TT-6523QCA+	TT-7523QCA+	TT-8623QCA+
DISPLAY			
Active Screen Size	65	75	86
Screen Type	LCD (Direct LED Backlight)	LCD (Direct LED Backlight)	LCD (Direct LED Backlight)
Display Area	1428 x 803 mm	1650 x 928 mm	1895 x 1066 mm
Display Ratio	16:9	16:9	16:9
Resolution	3840 x 2160 (4K)	3840 x 2160 (4K)	3840 x 2160 (4K)
Refresh Rate	120 Hz	120 Hz	120 Hz
Colors	1.07Billion	1.07Billion	1.07Billion
Color Depth	10bit(8bit+FRC)	10bit(8bit+FRC)	10bit(8bit+FRC)
Brightness	>=450 cd/m ²	>=500 cd/m ²	>=550 cd/m ²
Typ.Static Contrast Ratio	15000:1	15000:1	15000:1
Response Time	4ms	4ms	4ms
Viewing Angle	178°	178°	178°
Display Life Time	50000 hours	50000 hours	50000 hours
SMART SYSTEM			
Chipset	RK3588	RK3588	RK3588
CPU	ARM A76*4 + A55*4	ARM A76*4 + A55*4	ARM A76*4 + A55*4
GPU	ARM G610 MC4	ARM G610 MC4	ARM G610 MC4
RAM	16GB	16GB	16GB
ROM	256GB	256GB	256GB
SD Card	64GB	64GB	64GB
Android Version	Android 15	Android 15	Android 15
OS Version	EDLA	EDLA	EDLA
Top Camera Port	Yes	Yes	Yes
OPS Slot	Yes	Yes	Yes
SDM-S Slot	Yes	Yes	Yes
WiFi Module Model	AZ932	AZ932	AZ932
WiFi Version	"WiFi 5: 2.4G+5G WiFi 6: 2.4G+5G"	"WiFi 5: 2.4G+5G WiFi 6: 2.4G+5G"	"WiFi 5: 2.4G+5G WiFi 6: 2.4G+5G"
Bluetooth	BT5.2	BT5.2	BT5.2
Built-in Microphone	8-Mic Array, Upper Front	8-Mic Array, Upper Front	8-Mic Array, Upper Front
NFC	Yes	Yes	Yes
MICROPHONE			
Mic Position	8-Mic Array - upper front	8-Mic Array - upper front	8-Mic Array - upper front
Distance	8m	8m	8m
Mic Performance	Echo cancellation, Beamforming, Noise Reduction	Echo cancellation, Beamforming, Noise Reduction	Echo cancellation, Beamforming, Noise Reduction
CAMERA MODULE (TC-4N22M- 4K AI MODCAM+)			
Camera Resolution	3840 x 2160/30 fps (4K)	3840 x 2160/30 fps (4K)	3840 x 2160/30 fps (4K)
Field of View	120° FOV Lenses	120° FOV Lenses	120° FOV Lenses
AI Auto Framing (Face Tracking)	Yes	Yes	Yes
ePTZ	Yes	Yes	Yes
Mic Array	Dual Mic	Dual Mic	Dual Mic
Pickup Distance	3m	3m	3m
Noise Reduction	Yes	Yes	Yes
Built-in Audio ANR/AGC	Support long-distance collect voice	Support long-distance collect voice	Support long-distance collect voice
AV PORTS			
Front/Side I/O	1 x Type C (PD 100W)	1 x Type C (PD 100W)	1 x Type C (PD 100W)
Front/Side I/O	1 x HDMI In	1 x HDMI In	1 x HDMI In
Front/Side I/O	1 x USB Touch	1 x USB Touch	1 x USB Touch
Front/Side I/O	2 x USB 3.0	2 x USB 3.0	2 x USB 3.0
Front/Side I/O	1 x Mic In	1 x Mic In	1 x Mic In
Rear I/O	2 x HDMI In	2 x HDMI In	2 x HDMI In
Rear I/O	1 x DP	1 x DP	1 x DP
Rear I/O	1 x Type C (no PD)	1 x Type C (no PD)	1 x Type C (no PD)
Rear I/O	1 x Type C Out (no PD)	1 x Type C Out (no PD)	1 x Type C Out (no PD)
Rear I/O	2 x USB 3.0 Public	2 x USB 3.0 Public	2 x USB 3.0 Public
Rear I/O	1 x USB 3.0 Android	1 x USB 3.0 Android	1 x USB 3.0 Android
Rear I/O	3 x USB Touch 3.0	3 x USB Touch 3.0	3 x USB Touch 3.0
Rear I/O	1 x HDMI Out	1 x HDMI Out	1 x HDMI Out
Rear I/O	1 x S/PDIF Out	1 x S/PDIF Out	1 x S/PDIF Out
Rear I/O	1 x Line Out	1 x Line Out	1 x Line Out
Rear I/O	1 x RS232	1 x RS232	1 x RS232
Rear I/O	1 x LAN In	1 x LAN In	1 x LAN In
Rear I/O	1 x LAN Out	1 x LAN Out	1 x LAN Out
SPEAKER			
Speaker Position	Bottom Front	Bottom Front	Bottom Front
Speaker Power (Max.)	20Wx2	20Wx2	20Wx2
Speaker Rated Impedance	6Ω	6Ω	6Ω
Speaker Freq.Response	250Hz-20KHz SPL -10dB	250Hz-20KHz SPL -10dB	250Hz-20KHz SPL -10dB
Output S.P.L.	80±3dB	80±3dB	80±3dB
Speaker Position	back center	back center	back center
Speaker Power (Max.)	20Wx1	20Wx1	20Wx1
Speaker Rated Impedance	4Ω	4Ω	4Ω
Speaker Freq.Response	80Hz-2.5KHz SPL -10dB	80Hz-2.5KHz SPL -10dB	80Hz-2.5KHz SPL -10dB
Output S.P.L.	77±3dB	77±3dB	77±3dB
TOUCH PANEL			
Glass Surface Treatment	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass	Anti-Glare+Anti-Fingerprint + Antimicrobial Tempered Glass
Glass Hardness	9H(Pencil)	9H(Pencil)	9H(Pencil)
Glass Thickness	3.2 mm	3.2 mm	3.2 mm
Glass Transparency	88%±3	88%±3	88%±3
Glass Haze	4-8%	4-8%	4-8%
Bonding Type	Zero bonding	Zero bonding	Zero bonding
Touch Solution	Ultrafine IR	Ultrafine IR	Ultrafine IR
Touch Points	Android : 50 Points Touch , Windows : 50 Points Touch	Android : 50 Points Touch , Windows : 50 Points Touch	Android : 50 Points Touch , Windows : 50 Points Touch
ELECTRONIC CAPACITY			
Working Voltage	AC100-240V	AC100-240V	AC100-240V
Working Power Consumption	65": 116 W	75": 124 W	86": 150 W
Power Consumption (Standby Mode)	<0.5W	<0.5W	<0.5W
TRANSPORTATION & STORAGE			
Storage Temperature & Humidity	-20-60°C 0-90%RH (non-condensing)	-20-60°C 0-90%RH (non-condensing)	-20-60°C 0-90%RH (non-condensing)
Working Temperature/Humidity	0-40°C 20-80%RH (non-condensing)	0-40°C 20-80%RH (non-condensing)	0-40°C 20-80%RH (non-condensing)
Installation Method (optional)	wall-mounted / mobile stand	wall-mounted / mobile stand	wall-mounted / mobile stand
Outline Dimension (without wall mount bracket)	1513x927x119 mm	1735x1051x122 mm	1982x1191x119 mm
Packing Dimension	1640x207x1036 mm	1859x207x1160 mm	2119x227x1290 mm
VESA Mount Pattern	600*400 mm	800*400 mm	800*400 mm
Net Weight	39 kg	51.5 kg	64.5 kg
Gross Weight	50 kg	65 kg	82.5 kg

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