



**CONNECT. CREATE. COLLABORATE.**



## CONSISTENTLY LEADING THE WAY IN INTERACTIVE TECHNOLOGY

Our many years of experience challenge us to provide the best products, services and solutions fit for modern workspaces, schools, and corporations. At Newline, we strive to give you smooth and seamless collaboration, always.

Our vision, your future.

**newline** CAST

**newline** DISPLAY MANAGEMENT

**newline** BROADCAST

 **newline** CANVAS

**newline** SIGNAGE PRO

# PRODUCT PORTFOLIO

## Commercial Displays



**DV ONE+**



Tamil Nadu SSLC Result(OUT) Live: Overall Pass Percentage Of 93.80 Percent  
The Board of Control for Cricket in India (BCCI) is pleased to announce the resumption of the TATA IPL 2025. After exten

**STV+ SERIES**

## Corporate Displays



**Z PRO SERIES**



**QCA+ SERIES**

## Educational Displays



**Q PRO SERIES**



**S PRO SERIES**

# Commercial Displays

# DV ONE+ Direct View LED

NEW  
Launch



## GOB Technology

Available Sizes

135" 163" 189" 216"

 135"-216" HD  
Resolution Display

 Sleek Design with  
Ultra-Thin Bezel

 NDM+ Remote  
Management Support

 Easy Access to  
Maintenance Components

 Calibration App for  
Easy Adjustments

 Hidden Port  
Locations

 Enhanced Performance  
with Android 13

 RS-232, IP Control,  
Wake-on-LAN & Wake-on-Wi-Fi

## SPECIFICATIONS

DV ONE<sup>+</sup>

MODEL	DV-13524-PLUS	DV-16324-PLUS	DV-18924-PLUS	DV-21624-PLUS
Size	135"	163"	189"	216"
Lights Welding Type	SMD+GOB	SMD+GOB	SMD+GOB	SMD+GOB
Resolution	1920*1080	1920*1080	1920*1080	1920*1080
Aspect Ratio	16:9	16:9	16:9	16:9
Contrast Ratio	6000:1	6000:1	6000:1	6000:1
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz
Typ. Max. Brightness	550 nits	550 nits	550 nits	550 nits
Color Depth	8 bit	8 bit	8 bit	8 bit
Grayscale Rating	14 bit	14 bit	14 bit	14 bit
Pixel Pitch	1.56mm	1.875mm	2.08mm	2.34mm
Chipset	A311D2	A311D2	A311D2	A311D2
RAM	4GB	4GB	4GB	4GB
ROM	32GB	32GB	32GB	32GB
WiFi	Wi-Fi 5 & 6 (2.4G + 5G)			
Lifespan	100000 hours	100000 hours	100000 hours	100000 hours

# STV+ SERIES

## With Digital Signage Software

NEW  
Launch



Android 14



Available Sizes

43" 55" 65" 75" 85" 98" 115"

1.2mm Bezel, IP Control



High Performance  
Pro Series TV



IP  
Control



4K UHD &  
Pure Color



Ultra-thin  
1.2mm Bezel



Available in  
sizes 43" - 115"



Enhanced  
Android 14 OS



Digital Signage  
Compatible



24/7  
Operation Time

# SPECIFICATIONS

# STV<sup>+</sup> SERIES

MODEL	STV-4324-PLUS	STV-5524-PLUS	STV-6524-PLUS	STV-7524-PLUS	STV-8524-PLUS	STV-9824-PLUS	STV-11524-PLUS
Active Screen Size	43"	55"	65"	75"	85"	98"	115"
Display Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Resolution	3840 x 2160 (4K)						
Color Depth	8bit+FRC	8bit+FRC	8bit+FRC	8bit+FRC	8bit+FRC	8bit+FRC	10bit+FRC
Brightness	450 nits	500 nits	550 nits	550 nits	600 nits	650 nits	750 nits
Typ. Static Contrast Ratio	15000:1	15000:1	15000:1	15000:1	15000:1	15000:1	18000:1
Display Life Time	50000 hours						
Operation Time	24 days x 7 hours						
Chipset	MTK9679						
RAM	4 GB						
ROM	16 GB						
Android Version	Android 14						
OS Version	AOSP						
WiFi & Bluetooth Version	WiFi 5 & BT5.0						
Wake-on-LAN	Yes						
Wake-on-WiFi	Yes						
IP & RS232 Control	Yes						
Speaker Power (Max.)	10Wx2	10Wx2	10Wx2	10Wx2	15Wx2	15Wx2	120W

# Corporate Displays



## All-in-one UC Solution

CERTIFIED  
**OPTICAL  
BONDING**



### Available Sizes

55" 65" 75" 86"



Google EDLA  
CERTIFIED



P-Cap Touch  
Technology



4k AI Camera



8-Mic Array  
and 40W Speaker  
+ 15W Subwoofer



Google EDLA  
Certified



4K UHD  
Display



Android 13 OS  
with User Profiles



USB Type-C with  
up to 100W Power



Better Connectivity  
with Wi-Fi 6



Superior  
Capacitive Touch



Compatible with  
all Devices

## SPECIFICATIONS



MODEL	TT-5524Z PRO	TT-6524Z PRO	TT-7524Z PRO	TT-8624Z PRO
Active Screen Size	55"	65"	75"	86"
Resolution	3840 x 2160 (4K)			
Refresh Rate	120 Hz	120 Hz	120 Hz	120 Hz
Brightness	400 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	450cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Contrast Ratio	4000:1	15000:1	15000:1	15000:1
Response Time	4ms	4ms	4ms	4ms
Chipset	A311D2	A311D2	A311D2	A311D2
CPU	ARM A73*4 + A53*4			
RAM	8 GB	8 GB	8 GB	8 GB
ROM	64 GB	64 GB	64 GB	64 GB
Total Storage	320 GB (Expandable)	320 GB (Expandable)	320 GB (Expandable)	320 GB (Expandable)
Android Version	Android 13	Android 13	Android 13	Android 13
Mic Position	8-Mic Array	8-Mic Array	8-Mic Array	8-Mic Array
Distance	8m	8m	8m	8m
Camera Resolution	3840 x 2160/30 fps (4K)			
Field of View	120° FOV Lenses	120° FOV Lenses	120° FOV Lenses	120° FOV Lenses
AI Auto Framing	Yes	Yes	Yes	Yes
Mic Array	Dual Mic	Dual Mic	Dual Mic	Dual Mic
Speaker Power	20Wx2	20Wx2	20Wx2	20Wx2
Sub woofer	No	15Wx1	15Wx1	15Wx1
Bonding Type	Optical bonding	Optical bonding	Optical bonding	Optical bonding
Touch Solution	PCAP	PCAP	PCAP	PCAP

# QCA+ SERIES



Octa Core



Google EDLA  
CERTIFIED

16GB RAM

256GB Default ROM



## Smart Panel. Smart Collaboration

RK 3588 Octa-Core Chipset | 20W + 20W Speakers + 20W Subwoofer

Available Sizes 65" 75" 86"



Integrated 4K  
AI Camera



Built in  
8 Mic Array



16 GB  
RAM



4K UHD  
Display



Touch  
Technology



RK3588 Octa-core  
Processor



Durable  
Design

NEW  
Launch



4k AI Camera



Android 13



8 Mic Array



NFC

## SPECIFICATIONS

# QCA+ SERIES

MODEL	TT-6523QCA+	TT-7523QCA+	TT-8623QCA+
Active Screen Size	65"	75"	86"
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
Color Depth	10bit(8bit+FRC)	10bit(8bit+FRC)	10bit(8bit+FRC)
Brightness	>=450 cd/m <sup>2</sup>	>=500 cd/m <sup>2</sup>	>=550 cd/m <sup>2</sup>
Typ.Static Contrast Ratio	15000:1	15000:1	15000:1
Display Life Time	50000 hours	50000 hours	50000 hours
Chipset	RK3588	RK3588	RK3588
CPU	ARM A76*4 + A55*4	ARM A76*4 + A55*4	ARM A76*4 + A55*4
RAM	16GB	16GB	16GB
ROM	256GB	256GB	256GB
SD Card	64GB	64GB	64GB
Android Version	Android 13	Android 13	Android 13
Mic Position	8-Mic Array	8-Mic Array	8-Mic Array
Distance	8m	8m	8m
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	Yes	Yes	Yes
Mic Array	Dual Mic	Dual Mic	Dual Mic
NFC	Yes	Yes	Yes
Speaker	20Wx2	20Wx2	20Wx2
Sub woofer	20Wx1	20Wx1	20Wx1
Glass Hardness	9H	9H	9H
Bonding Type	Zero bonding	Zero bonding	Zero bonding

# Educational Displays



# High Performance Interactive Display



Google EDLA  
CERTIFIED

8GB RAM, 320GB ROM

Available Sizes

55" 65" 75" 86" 98"

CERTIFIED Google INTEGRATION



Google  
EDLA Certified



USB Type-C  
with 65W Power



Android 13, Octa-Core  
processor



Camera  
Module Capable



Better Connectivity  
with Wi-Fi 6



Embedded  
40W Speakers



Up to 40  
Points of Touch



Compatible  
with All Devices

# SPECIFICATIONS



MODEL	TT-5523QA	TT-6523QA	TT-7523QA	TT-8623QA	TT-9823QA
Active Screen Size	55"	65"	75"	86"	98"
Display Ratio	16:9	16:9	16:9	16:9	16:9
Resolution	3840 x 2160 (4K)				
Colors	1.07Billion	1.07Billion	1.07Billion	1.07Billion	1.07Billion
Brightness	400 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	550 cd/m <sup>2</sup>
Contrast Ratio	15000:1	15000:1	15000:1	15000:1	15000:1
Response Time	4ms	4ms	4ms	4ms	4ms
Display Life Time (MTBF)	≥50000 hours				
Bonding Type	Zero bonding				
Speaker Max.Power Output	20Wx2	20Wx2	20Wx2	20Wx2	20Wx2
SoC Chipset	Amlogic 311D2				
CPU	A73×4 + A53×4 (4 Core + 4 Core)	A73×4 + A53×4 (4 Core + 4 Core)	A73×4 + A53×4 (4 Core + 4 Core)	A73×4 + A53×4 (4 Core + 4 Core)	A73×4 + A53×4 (4 Core + 4 Core)
RAM	8GB	8GB	8GB	8GB	8GB
Flash Memory	64GB	64GB	64GB	64GB	64GB
Android Version	Android 13				
Parameters	Wi-Fi 6 +BT 5.2				
Bonding Type	Zero bonding				

# QE-110

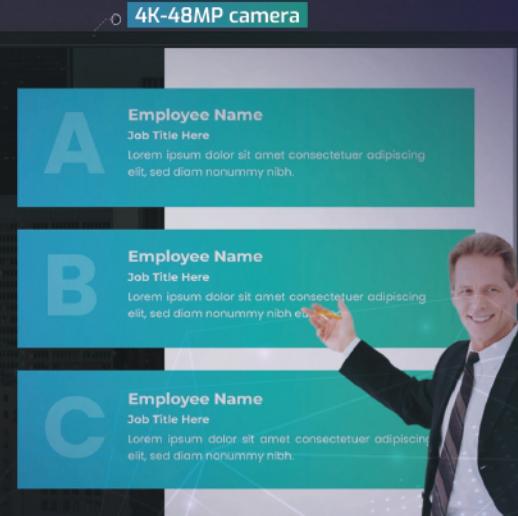
## Supersize Your Collaboration

Size 110"



### INTRODUCE OUR COMPANY

Business Tagline Goes Here  
Lorem ipsum dolor sit amet, consectetur adipiscing  
elit, sed diam nonumy nibh euismod.



## KEY FEATURES

### Hardware & Performance



Android 14 OS



48MP Camera



8 mic array



Dual-pen Input

### Interactivity & Connectivity



Full Featured Type C



Gesture Controls



Wireless Mirroring



QR Sharing

# SPECIFICATIONS

# QE-110

MODEL	QE-110
Screen Size	110"
Bonding Technology	Zero Bonding
Response Time	4ms
Resolution (H/V)	4K UHD 3840×2160
Refresh Rate	120Hz
Display Color	1.07B (10bit)
Contrast Ratio(Typ)	15000:1
Brightness	650 cd/m2
Panel Life	≥50000 hours
System Version	Android 14.0
Solution	Amllogic 311D2
CPU	A73*4 + A53*4 (Octa Core)
GPU	ARM Mali G52 MP8 ( Octa Core)
RAM	8GB DDR4
ROM	128GB eMMC
Soundtrack	2.1 channel
Speaker	2×16W Speaker + 20W Sub woofer
Camera Resolution	3840 × 2160/30 fps (4K)
Pixel	48mp
Qty(s).	1
Viewing Angle	DFOV:86°, HFOV:75°, VFOV:50°
Microphone	8 qty
Pick-up Distance	0~8m
Function	Supports echo cancellation, background noise suppression, gain compensation
Touch Technology	Infrared Touch
Touch Point	40 Points Touch



## Engineered to Educate



Zero Bonding

4K, Anti-Glare, Anti-Fingerprint

### Available Sizes

65" 75" 86"



WI-FI Module with  
Wi-Fi 6 Connectivity



Android 14  
8G RAM 64G ROM



Full Range Freq.  
40W Speaker



Multi-platform  
Compatibility



Powered USB  
Type-C



Zero Bonding

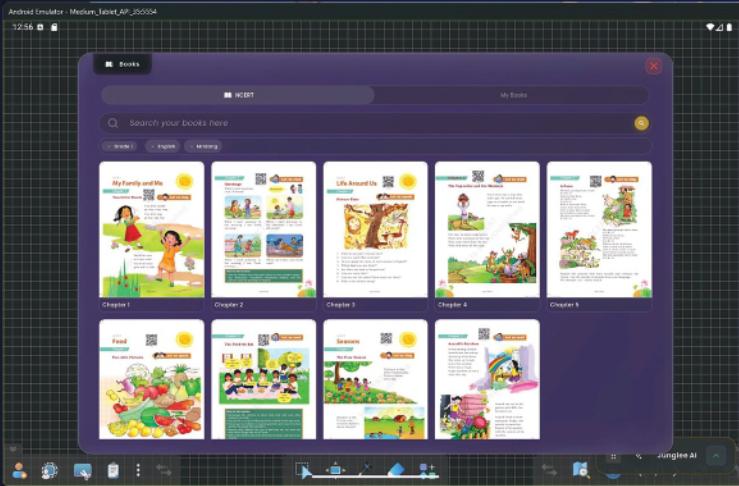


Android 14  
8GB, 320GB\*  
Zero Bonding

# SPECIFICATIONS



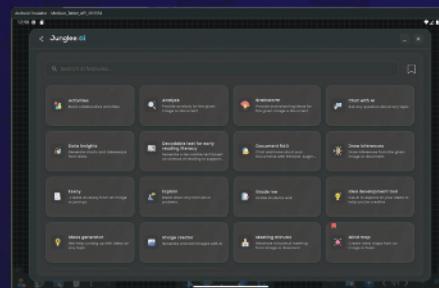
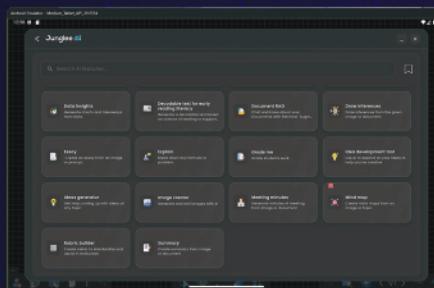
MODEL	TT-6523S	TT-7523S	TT-8623S
Active Screen Size	65"	75"	86"
Display Ratio	16:9	16:9	16:9
Resolution	4K(3840x2160)	4K(3840x2160)	4K(3840x2160)
Display Colors	10 bit	10 bit	10 bit
Brightness Center brightness	450 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Contrast Ratio	15000:1	15000:1	15000:1
Response Time	4ms	4ms	4ms
Viewing Angle	178°	178°	178°
Refresh Rate	120Hz	120Hz	120Hz
Lifespan	≥50000 hours	≥50000 hours	≥50000 hours
CPU	Arm Cortex-A55 x 8	Arm Cortex-A55 x 8	Arm Cortex-A55 x 8
GPU	Quad-core Mali-G52	Quad-core Mali-G52	Quad-core Mali-G52
RAM	8G	8G	8G
ROM	64G	64G	64G
Android Version	Android 14	Android 14	Android 14
Wi-Fi	Dual Channel 2.4G+5G, wifi 6	Dual Channel 2.4G+5G, wifi 6	Dual Channel 2.4G+5G, wifi 6
Bluetooth	5.2	5.2	5.2
Speaker	20Wx2	20Wx2	20Wx2
Touch Surface	Anti-Glare + Anti-Fingerprint	Anti-Glare + Anti-Fingerprint	Anti-Glare + Anti-Fingerprint
Glass Thickness	3.2mm	3.2mm	3.2mm
Bonding Type	Zero Bonding	Zero Bonding	Zero Bonding



# Redefining Whiteboarding with AI

INDIA'S FIRST GPT BASED WHITEBOARD SOFTWARE

Introducing Newline Canvas: India's First GEN AI-Based Whiteboarding and Annotation Software. Powered by cutting-edge Generative Pre-trainer Transformer technology (GPT). Newline Canvas revolutionizes the interactive whiteboarding experience, bidding farewell to static brainstorming and ushering in dynamic collaboration like never before.



## AI-Powered Platform that Helps Students

Study more effectively by generating flashcards and multiple-choice questions from various study materials. It can analyze lecture slides, PDFs, YouTube videos, and other content to create personalized practice quizzes and flashcards, helping users identify knowledge gaps and improve retention.



## AI Pen

Amplify content creation with AI-powered recognition of shapes, images & text.

# New AI Features

16:17 Thu, Jul 3 88%

## Heart

Explore ideas and notes

Handwritten note: **Hea**

**Brainstorm Sections**

- Understanding the heart's function
- Importance of Heart Health
- Emotional and symbolic significance
- Innovations in Cardiac Care

**Content**

- QA
- Images
- YouTube

**DRM Content**

- Videos
- Simulations
- 3D Object

**Advanced Actions**

Message AI assistant...

16:17 Thu, Jul 3 88%

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**Content**

- QA
- Images
- YouTube

**DRM Content**

- Videos
- Simulations
- 3D Object

**Advanced Actions**

Message AI assistant...

16:16 Thu, Jul 3 88%

## Heart

Explore ideas and notes

Handwritten note: **Hea**

**The Human Heart: A Detailed Explanation**

The heart is a muscular organ located in the chest, slightly to the left of the circulatory system, responsible for pumping blood throughout the body. Oxygen-rich blood reaches all tissues and organs, and it also helps remove carbon dioxide.

**Structure of the Heart:** The heart is divided into four chambers: two atrium and left atrium) and two lower chambers called ventricles (right side of the heart receives deoxygenated blood from the body and pumps oxygenated blood from the lungs and pumps it to the rest of the body).

**Valves:** There are four main valves in the heart: the tricuspid, mitral, and two lower chambers called ventricles (right side of the heart receives deoxygenated blood from the body and pumps oxygenated blood from the lungs and pumps it to the rest of the body).

**Blood Flow Pathway:**

- Deoxygenated blood enters the right atrium from the body via the superior and inferior vena cava.
- It passes through the tricuspid valve into the right ventricle.
- The right ventricle pumps the blood through the pulmonary veins to the lungs for oxygenation.
- Oxygenated blood returns to the left atrium via the pulmonary veins.
- It passes through the mitral valve into the left ventricle.

Message AI assistant...

16:17 Thu, Jul 3 88%

## Heart

Generate questions and answers

Handwritten note: **Hea**

**Grade**  
Select appropriate difficulty level

1st 2nd 3rd 4th 5th 6th 7th 8th  
9th 10th 11th 12th higher education

**Level**  
Based on Bloom's Taxonomy

Elementary Understood Apply Analyze Evaluate Create

**Number of Questions**  
How many questions to generate

5 10

**Generate**

# newline

## SIGNAGE PRO

# Digital Signage Software



Google Slides , Calendar & Canva Integration



Canva



Rich Content Support with  
Live RSS Feed & YouTube  
Integration



Comprehensive  
Online Admin Portal



User-Friendly  
Content & Text Creation



YouTube  
Integration



Centralized  
Management



Streamlined Registration Process  
& Device Grouping



Fully Integrated with  
Q Pro & STV+



Simple Scheduling &  
Auto Launching



7 Versatile  
Pre-defined Layouts



**HO Perithalmannan**

Bypass Road Near  
Bismi Hyper Market

Ph+91 99959 90188

**Manjeri**

Pandikkad Road Near  
Korambayil Hospital

Ph+91 7594017000

**Kondotty**

Malppuram Road  
Kuruppath - Junction

Ph+91 9633884466

**Edappal**

Pattambi Road  
KK Complex

Ph+91 8943998866



[www.electrosolutions.co.in](http://www.electrosolutions.co.in)