



# CTOUCH RIVA D2

Behind every great teacher is a great touchscreen. The CTOUCH RIVA D2 is that touchscreen.

Engage and inspire students with our all-purpose, intuitive education technology tool. Make your lessons come alive!

**Share, inspire, have fun!**  
With CTOUCH by your side.

**CTOUCH<sup>®</sup>**

## All good things come in twos

The CTOUCH Riva 2 is available in two models: the CTOUCH Riva R2 and the CTOUCH Riva D2.

The CTOUCH Riva R2 is a state-of-the-art education technology solution, the perfect companion to the most modern of classrooms. The CTOUCH Riva D2 is the best choice for schools looking for a cost-effective teaching tool.

The teacher-friendly touchscreens offer a smooth writing experience, rich sound and the compatibility to run all different brands of teaching software. Both models are enrollable in the CTOUCH Heartbeat As-A-Service programme, providing a lifetime of safe and supported touchscreen usage. So that leaves you with just one choice: do you want the best or the very best? You decide.

FEATURES	RIVA R2	RIVA D2
Video input (digital)	2x USB-C with 1x 100W charging	2x USB-C with 1x Front USB-C with 65W charging
Video output (digital)	1x HDMI-out, 1x USB-C out	1x HDMI-out
Touch system	TrueBeam Touch+	TrueBeam Touch+
Glass Type	Zero air gap. Triple S glass (Smooth, Stripeless, Safety glass)	Zero air gap. Anti glare Safety glass
Wi-Fi	Built-in WiFi 6	Built-in WiFi 6
Microphone	Built-in 4 array microphone	Built-in 4 array microphone
Sound transducers	80W JBL® immersive audio	50W audio
COStm system version	Android 13 (with future Android upgrades for security) 8 Core High Performance CPU, RAM 8GB/64GB Storage	Android 13 (with future Android upgrades for security) 4 Core High Performance CPU, RAM 4GB/32GB Storage
Energy saving measures	Eco mode (default) & smart on/off	Eco mode (default)
Optional modules	Optional modules possible: Fingerprint scanner, NFC Reader	No optional modules possible
Sizes	Available in 55", 65", 75", 86"	Available in 65", 75", 86"
Accessories included	USB-C cable, HDMI cable, Touch out cable	HDMI cable, Touch out cable

✓ **The best handwriting experience, hands down**

To achieve the most accurate handwriting experience, Riva R2 and D2 combine zero air gap with the unique TrueBeam Touch+ technology. Want to keep your touchscreen squeaky clean, lesson after lesson? The Triple S Glass on the Riva R2 is your friend.

✓ **Enjoy crisp audio in all corners of the classroom**

Whether it's watching a film with your students or having a pupil join classes remotely, the powerful speakers will ensure the sound easily reaches even the farthest corner of the classroom.

✓ **ESharing is caring**

Inviting up to 50 students to join a teaching session has never been easier, thanks to the preinstalled full licensed version of EShare on both Riva R2 and Riva D2. Pupils can instantly share their Windows, Android or Apple device wirelessly to the touchscreen.

✓ **Save Watts and Watts of money**

Schools are not made of money. To combat high energy prices, both R2 and D2 have low energy consumption – in fact, one of the lowest in the market! Furthermore, CTOUCH Riva R2 comes equipped with smart on/off. This technology causes the touchscreen to only use energy when really needed. R2 starts up when someone enters the classroom and shuts down when no person is detected for a period of time.



**POWERFUL  
ANDROID  
TECHNOLOGY**



**EASY  
WIRELESS  
SHARING**



**PERFECT  
WRITING  
EXPERIENCE**



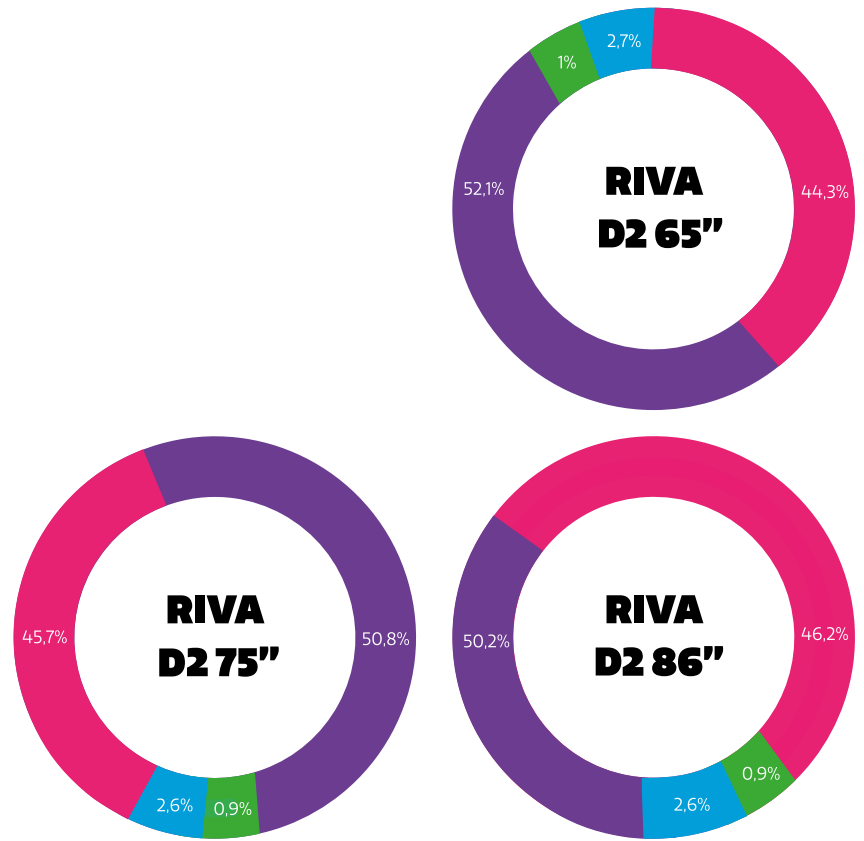
**CRYSTAL-  
CLEAR  
SOUND**

# RIVA D2 and its product footprint

The product impact is calculated using the EU Product Environmental Footprint method (PEF).

- Manufacturing
- Transportation
- Use
- End-of-life

## PRODUCT INFO CTOUCH RIVA D2



### SUSTAINABILITY

Product compliance	CE, UKCA, FCC, RED, UKCA-RED, EU Ecodesign, RoHS & REACH, Energy Star
E-waste compliance	WEEE, WEEELABEX certified partners
ISO standards	9001, 14001, 14064, 14040, 14044, 14020, 14021
Accounting standards	Greenhouse Gas Protocol (GHG Protocol)
Corporate credentials	EcoVadis Gold, Science Based Targets initiative (SBTi)
Sustainability passport	Sustainability Passport available, providing insight into the materials used and the overall CO2 impact.
Product lifetime	Up to 10 years
Recyclability	88% recyclability of materials
Fair supply chain	Responsible mining, no conflict materials, no slavery and child labour

### ADDITIONAL SUSTAINABILITY PROGRAMMES

Take-back programme	Free take-back programme for used CTOUCH screens, responsible recycling and disposal
Next Life Programme	Repurposing and selling refurbished touchscreens; extends lifespan and promotes circular economy
Product lifetime extension	Upgradable to future Android versions

# TECHNICAL DATA

## CTOUCH RIVA D2

DISPLAY SIZE	65"	75"	86"
<b>CTOUCH model</b>	<b>Riva D2</b>		
Product number	<b>10152865</b>	<b>10152875</b>	<b>10152886</b>
Model number	CR-65X06	CR-75X06	CR-86X06
Diagonal size	64.53" (1.639 mm)	74.52" (1.893 mm)	85.6" (2.174 mm)
Panel technology	TFT LCD		
Display resolution (px)	3.840 x 2.160		
Frame rate	60 Hz		
Brightness	400 cd/m <sup>2</sup>		
Aspect ratio	16:9		
Contrast ratio (static)	1.200:1		
Contrast ratio (dynamic)	5.000:1		
Response time (gray to gray)	8 ms		
Display colours	1.07 Billion (eq. 10 bits)		
Pixel pitch (W x H) mm	0.372 x 0.372	0.42975 x 0.42975	0.4935 x 0.4935
Viewing angle	178" / 178"		
Backlight type	Direct LED		
Service life	> 50.000 hours (16/7)		
Orientation	Landscape		

### TOUCH SYSTEM

Touch system	TrueBeam Touch+
Touch points	40 on Windows, 20 on Android
Touch tools	hands or other solid (soft tip) object
Accuracy	±1 mm
Minimum response size	> 1,5 mm
Touch resolution	32.768 x 32.768 (pixels)
Interface	USB 2.0 compatible (full speed) HID complaint, Plug & Play compatible. Backwards compatible with USB 1.1
Supported OS	Windows, macOS, Chrome, Linux and Android
	Not required for 40 touch points (under Windows), macOS requires a driver for gestures

### GLASS

Glass	Smooth, Safety
Type	heat tempered, anti glare, safety glass
	Zero air-gap
Thickness	3 mm
Hardness	7 Mohs

CONNECTIVITY	65"	75"	86"
<b>CTOUCH model</b>	<b>Riva D2</b>		
Video input (digital)	3x HDMI 2.0 (1x ARC), 1x DP 1.2, 2x USB-C 3.2 Gen 1x1 (1x65W Front, 1x15W)		
Video output (digital)	1x HDMI out		
Video input (analog)	1x VGA (including 1x Mini Jack)		
Audio input	1x Mini Jack (dedicated audio source)		
Audio output	1x Mini Jack, 1x S/PDIF Optical		
USB	3x USB 3.0 (type A), 2x USB 2.0 (type A)		
Touch	4x USB (2x USB 2.0 type B, 2x USB-C)		
RS232C	1x DE-9F		
LAN port	2x RJ45 10/100/1000 BaseT		
WLAN	IEEE 802.11n/ac/ax (Wi-Fi 6)		
Bluetooth	5.2		
Module-slot	1x OPS-slot (UHD@60Hz)		

VIDEO	
Eye comfort	blue light filter, eye protection mode
Colour temperature	warm, cool, normal
Picture modes	dynamic, standard, soft, user

SOUND	
Transducers: 2 stereo, 3-way speakers (tweeter, mid-range and woofer)	✔
Amplifier power (Watts)	50
Frequency range	60 Hz - 20 kHz
Microphone	4-array far field

# TECHNICAL DATA

## CTOUCH RIVA D2

COS™	65"	75"	86"
<b>CTOUCH model</b>	<b>Riva D2</b>		
System version	Android 13 (Android upgrade via OTA)		
Chipset	Amlogic T982		
CPU	4x ARM Cortex A55		
GPU	ARM Mali-G52 MP2		
Memory	8 GB		
On-board storage	32 GB		

OSD	
Languages	Danish, Dutch, English, French, Finnish, German, Norwegian, Spanish, Swedish

POWER			
Power supply	AC 100–240 V 50 / 60 Hz		
Power consumption (in operation)	96W	124W	150W
Power consumption (in standby)	<= 0.5 W		
Ambient light sensor	✔		
On-board Human Presence Detector	✔		

QUALITY APPROVALS			
Regulatory approvals	CE, UKCA, FCC, RED, UKCA-RED, EU Ecodesign, RoHS & REACH compliant		
Green approval	WEEE		
ISO Standard	ISO9001 and ISO14001		

PRODUCT ACCESSORIES			
Accessories included	Power cable (3 m), USB touch cable (3 m), HDMI cable (3 m), remote control (incl. batteries) 2 passive pens, quick start guide & warranty card		

SECURITY			
ISO standards	27001		
Independent PEN test	Independent PEN test has been done by Grant Thornton		
Security baseline	Security baseline available, providing insight into the security initiatives taken		

# TECHNICAL DATA

## CTOUCH RIVA D2

<b>DIMENSIONS &amp; WEIGHT</b>	<b>65"</b>	<b>75"</b>	<b>86"</b>
<b>CTOUCH model</b>	<b>Riva D2</b>		
Product dimensions (W x H x D mm)	1.491 x 885 x 85	1.715 x 1.012 x 85	1.960 x 1.150 x 85
Product weight (kg)	38.6	48.8	59.6
Vesa mount (W x H mm)	600 x 400 M8 Screw	800 x 600 M8 Screw	800 x 600 M8 Screw

<b>LOGISTICS INFORMATION</b>			
Box size (W x H x D mm)	1.615 x 1.000 x 230	1.839 x 1.127 x 230	2.084 x 1.264 x 220
Gross weight (kg)	46	58	70.4
EAN no.:	<b>8719481481926</b>	<b>8719481481933</b>	<b>8719481481940</b>