



Kindermann Displays

Touchdisplays TD-12xx

- > Future-proof: powerful processor, WiFi6, 2x USB-C
- > USB-C: One connection for image, sound, data, touch and 100 watts of charging current
- > Android 14 with Google certification (EDLA)
- > Intuitive user interface, designed in Germany
- > Screen sharing via dongle, app, AirPlay & Chromecast
- > Pressure-sensitive infrared touch with up to 50 touch points
- > Stable front glass with antibacterial coating and low reflection

Technical data

Model		TD-1255	TD-1265	TD-1275	TD-1286	TD-1298
Article number		3050000071	3050000072	3050000073	3050000074	3050000075
Panel	Diagonal / visible surface	55" 1210 x 680 mm	65" 1428 x 804 mm	75" 1650 x 928 mm	86" 1895 x 1066 mm	98" 2159 x 1214 mm
	Panel type / backlight	ADS / Direct LED				
	Resolution / aspect ratio / colour depth	3840 x 2160 / 16:9 / 10 bit (1.07 billion colours)				
	Direction of use / Maximum service life (daily)	Landscape format / 18 hours				
	Brightness (typical)	> 450cd m ² (typ.)				
	Contrast (dynamic)	5000:1				
	Response time (typical)	8ms				
	Frame rate	60Hz				
	Viewing angle	178°(H) / 178°(V)				
	Minimum service life	50,000 operating hours (typ.)				
	Touch technology	Advanced infrared with high accuracy				
	Distance panel / front glass	Zero-/Direct-Bonding				
	Touch points	up to 50 points, supports pressure sensitivity, Microsoft Protocol 2.0 and palm rejection				
Touch	Front glass	Tempered glass, MoHS7 (9H), highly transparent, etched surface for improved anti-reflective coating (haze ~15 %), incl. antibacterial coating				
	Transmission / Haze-Level	>88%				
	Minimum object size / Precision	2 mm / ±0,5 mm				
	Response time	< 3ms				
	Tool recognition	Fine pencil: >2.8 mm, thick pencil: >8 mm, fine eraser: >12 mm, large eraser: > 9 cm ²				
	Driver	Plug and Play (HID)				
	Operation	Finger, stylus with soft, round tip or comparable objects				
	Touch compatibility	Windows 10/11, Android, MacOS X (multi-touch driver required), ChromeOS, Linux				
Loudspeaker	Configuration / power	2.1 sound system, 2x 20 W full range frequency response: 200 - 20,000 Hz 1x 20 W subwoofer, frequency response: 20 - 200 Hz				
SoC	SoC	RK 3576 OctaCore, 4x A72 @ 2.2 Ghz / 4x A53 @ 1.8 GHz , MaliG52 MC3				
	RAM / eMMC	8 GB / 128 GB				
	Wi-Fi	WiFi 6 - 802.11 a/b/g/n/ac/ax - Dual Band 2.4 / 5GHz, 2x2 MiMo with external antennas				
	Bluetooth	5.3				
	OS	Android 14 with Google EDLA certification				
Supplied Software (Android)	Basic functions	Kindermann Whiteboard App with annotation function and erase by gesture, Screenshots, Spotlight, Screenrecorder, Freeze, Countdown				
	Education Whiteboard App	yes, Gynzy - incl. 5-year licence for primary and secondary schools (except Netherlands)				
	File manager	yes				
	Office / PDF Viewer	Google Workplace App				
	Browser	Google Chrome				
	BYOD Wireless Screensharing	Yes, Eshare incl. support for HDMI and USB-C dongle, AirPlay, Chromecast, Miracast in Wifi Direct mode and WebCast - screen sharing from the browser				
	BYOM Wireless Conferencing	Yes, Eshare allows the wireless use of cameras and speakerphones connected to the display via USB under Windows and MacOS				
	Additional apps	Google Apps, incl. Google Play Store, Maps, Mail, etc.				
Menu languages	Available	German, English, French, Italian, Spanish, Dutch, Croatian, Hungarian and others				

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Connections front	Public USB (Android, external source)	2x USB 3.2 Gen1 Type A (follows the video signal)				
	HDMI 2.1 input	1 (max. 3840x2160@60Hz), supports CEC				
	USB type C input	1x with support for video (max. 3840x2160@60Hz DP Alt Mode), touch, data transfer USB 3.2 Gen1, max. 100 W charging current (USB PD 3.0 max. 20V / 5 A)				
	Touch-USB	1x USB 3.2 Gen1, type B				
	Sensors	Infrared receiver, ambient light sensor, NFC sensor				
Connections side / bottom / rear	OPS slot	1x JAE 80pin (power supply 18V / 5A)				
	Mounting option for Mini PC	rear, VESA 100x100 mounting points				
	Touch-USB	2x USB 3.2 Gen1 Type B (side / bottom)				
	USB type C input	1x with support for video (max. 3840x2160@60Hz DP Alt Mode), touch, max. 65 W charging current (USB PD 3.0 max. 20V / 3.25 A)				
	DisplayPort 1.2a input	1 (max. 3840x2160@60Hz)				
	HDMI 2.1 inputs	2 (max. 3840x2160@60Hz) supports CEC, HDMI 1 also supports ARC				
	Public USB (Android, external source)	2x USB 3.2 Gen1 type A (follows video input), 1x USB 2.0 type A (Android only, for firmware)				
	HDMI 2.1 output	1 (max. 3840x2160@60Hz) (bottom), mirrors the signal of the display, supports CEC				
	Audio output (3.5 mm jack)	1 (bottom)				
	Audio output (SPDIF, optical)	1 (bottom)				
	Mic-In (3.5 mm jack)	1 (bottom)				
	LAN	2x RJ45 100/1000 MBit/s (bottom)				
	RS232	1 (9pin SubD (bottom))				
	Input voltage / connection	100 V ~ 240 V/AC, 50/60 Hz - IEC socket				
	Maximum power consumption (backlight 100 %, without OPS)	approx. 135 W	approx. 182 W	approx. 220 W	approx. 274 W	approx. 351 W
Power connection	Power consumption (backlight approx. 50 %, without OPS)	approx. 105 W	approx. 145 W	approx. 166 W	approx. 212 W	approx. 300 W
	Power consumption (Eco)	approx. 75 W	approx. 92 W	approx. 112 W	approx. 139 W	approx. 183 W
	Standby consumption	<0.5W				
Environmental conditions	Temperature - operation	0 - 40°C				
	Temperature - storage	-10 - 60°C				
	Relative humidity - operation	20 - 80% (non-condensing)				
	Relative humidity - storage	10 - 80% (non-condensing)				
Dimensions / Material	Display dimensions (mm) (WxDxH)	1262 x 88 x 765	1484 x 87 x 891	1705 x 87 x 1016	1950 x 88 x 1154	2231 x 122 x 1356
	Packaging dimensions (mm) (WxDxH)	1385 x 180 x 865	1640 x 185 x 1010	1860 x 185 x 1125	2095 x 185 x 1265	2552 x 435 x 1750
	Net weight approx. (kg)	28	37	52	64	115
	Gross weight approx. (kg)	30	43	59	73	161
	Housing material colour	Aluminium and metal Black				
	Frame width (O/U/L/R) in mm	15/48/15/15				48/56/19/19
	VESA	4 x M8 400 x 400 mm	4 x M8 600 x 400 mm	4 x M8 800 x 400 mm	4 x M8 800 x 600 mm	4 x M8 800 x 600 mm
Certification		CE, ROHS, REACH				
Accessories	Scope of delivery	IR remote control, power cable (3 m), USB A/B cable (3 m), HDMI cable (3 m), 2x passive control pins (suitable for left and right-handers), eraser, Quickstart Guide				

Subject to errors and changes - Status 12.2025

Accessories:



3050MDM 260

SOTI Mobile Control

The professional MDM software solution for companies and educational institutions that supports you in the management and monitoring of touchdisplays and IT systems, regardless of the operating system.



3053000004

EShare 4K USB-C Dongle

For wireless and software-free transmission of an HDMI signal to the Kindermann touchdisplays.



3051000062

OPS PC i5-12450H



3051000060

OPS PC i7-1260P vPro



Plug-in PCs with Intel i5-12450H or i7-12650H CPU of the 12th generation incl. Intel UHD GPU 8 GB DDR4 and 256GB M.2 MVMme SSD.

Kindermann DisplayShift²-Series

The safe and sustainable solution for fast, smooth and stepless height adjustment of interactive screens up to 105 inches in size.



4031000500

DisplayShift² Wings 55 - 78kg



4031000501

DisplayShift² Classic 85 - 108 kg



4031000502

DisplayShift² Classic 51 - 74 kg



4031000503

DisplayShift² Classic 31 - 43 kg

All prices are net prices excl. VAT.

Subject to change in the interest of progress. Illustrations and technical specifications may contain additional options and are not binding for the design. All dimensions are subject to the usual tolerances.

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Printed in Germany | 12.2025

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