



Kindermann displays

Touchdisplays TD-11xx²

- > Future-proof: High-performance processor, WiFi6 and 2x USB-C inputs
- > USB-C one for all: video, sound, data, touch and 65 watts charging current at the same time
- > Android 13
- > Intuitive user interface, designed in Germany
- > Screensharing via hardware dongle, app, AirPlay & Chromecast
- > 40 touch points

Technical data

Model		TD-1155 ²	TD-1165 ²	TD-1175 ²	TD-1186 ²
Article number		3050000061	3050000062	3050000063	3050000064
Panel	Diagonal / visible surface	55" / 1209 x 680 mm	65" / 1428 x 804 mm	75" / 1647 x 927 mm	86" / 1895 x 1066
	Panel type / backlight	IPS / 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 / 18 hours			
	Brightness (typical)	>350cd/m ² (typ.)	>350cd/m ² (typ.)	>450cd/m ² (typ.)	>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			
Touch	Touch technology	Infrared, with high precision			
	Distance panel / front glass	2 mm	Zero-/Direct-bonding		
	Touch points	up to 40 points, incl. support for Microsoft protocol 2.0			
	Front glass	Tempered glass, thickness 3.2 mm, MoHS7, anti-glare, highly transparent			
	Transmission	>92%			
	Minimum object size / Precision	1,6 mm / ±1 mm			
	Minimum touch height	1,2 mm			
	Tool recognition	Fine pencil: <3 mm, thick pencil: <8 mm, small eraser: >12 mm, thick eraser: > 25 mm			
	Driver	Plug and Play (HID)			
	Operation	Finger, operating pen with round tip or comparable objects			
	Multitouch compatibility	Windows 10/11, Android, ChromeOS, MacOS X (driver required)			
	Single touch compatibility	Linux, MacOS X			
	Loudspeaker	Configuration / power	2.1 soundsystem, 2x 20W, frequency response: 200 - 20.000 Hz		
Subwoofer		-	1x 16 W, frequency response: 20 - 200 Hz		
SoC	SoC	A311D2 OctaCore, 4x A73 @ 2,2 Ghz / 4x A53 @ 2 GHz , MaliG52 MP8			
	RAM / eMMC	8 GB / 64 GB			
	WiFi	WiFi 6 - 802.11 a/b/g/n/ac/ax - Dual Band 2.4 / 5GHz, 2x2 MiMo			
	Bluetooth	5.0			
	OS	Android 13			
Supplied software (Android)	Basic functions	Kindermann Whiteboard App with annotation function and erase by gesture, screenshots, calculator, spotlight, timer and screen recorder			
	File manager	Yes, including photo, video, audio player			
	Office / PDF viewer	WPS Office, Adobe Reader			
	Browser	Firefox & Chromium			
	BYOD wireless screensharing	Yes, Eshare incl. support for HDMI and USB-C dongle, AirPlay and Chromecast (Miracast in Wifi Direct Mode), NEW: WebCast			
	BYOD wireless conferencing	Yes, Eshare allows the wireless use of cameras and speakerphones that are connected to the display via USB. (Only under Windows)			
	Additional apps	OpenCamera, OpenStreetmaps, EduCap, Anton, Geogebra			
Menu languages	Available	German, English, French, Italian, Spanish, Dutch, Finnish, Swedish, Danish, Norwegian, Croatian, Estonian, Latvian, Lithuanian, Hungarian and others			

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Connector front side	Public-USB (Android & Windows)	2x USB 3.0 type A			
	HDMI 2.0 input	1			
	USB type C input	1x with support for video (3840x2160@60Hz DP Alt Mode), touch, data transmission, USB PD 3.0 max. 20V / 3,25 A (65 Watt)			
	Touch-USB	1x USB 3.0 type B			
Sensors	Ambient light sensor				
Connector lateral	OPS slot	1x JAE 80-pin (power supply 18V / 5A)			
	Touch-USB	3x USB 3.0 type B			
	USB type C input	1x with support for video (3840x2160@60Hz DP Alt Mode), touch, USB PD 3.0 max. 15 Watt			
	DisplayPort 1.2a input	1			
	HDMI 2.0 inputs	2			
	VGA / Audio (3,5 mm jack) input	1 / 1 (bottom) (1920x1080@60Hz)			
	Android-USB	2x USB 3.0 type A			
	HDMI output	1 (bottom)			
	Audio output (3,5 mm jack)	1 (bottom)			
	Audio output (SPDIF, optical)	1 (bottom)			
	Mic-in	1 (bottom)			
	LAN	2x RJ45 100/1000 Mbps (bottom)			
	RS232	1 (9-pin SubD (bottom))			
Service USB connection	1x USB 2.0 type A (for FW updates)				
Power connection	Input voltage / connection	100 V ~ 240 V/AC, 50/60 Hz - cold-device socket			
	Consumption (typical)	~120 W	~150 W	~200 W	~270 W
	Consumption (eco)	~75 W	~94 W	~116 W	~175 W
	Standby consumption	<0.5W			
Environmental conditions	Temperature - operation	0 - 40°C			
	Temperature - storage	-10 - 60°C			
	Humidity - operation	20 - 80% (non condensing)			
	Humidity - storage	10 - 60% (non condensing)			
Dimensions / Material	Display dimensions (mm) (WxDxH)	1299 x 93 x 792	1512 x 88 x 921	1723 x 87 x 1035	1968 x 88 x 1173
	Packing dimensions (mm) (WxDxH)	1420 x 245 x 920	1660 x 220 x 1010	1900 x 225 x 1160	2160 x 225 x 1310
	Net weight approx. (kg)	27	38	50	63
	Gross weight approx. (kg)	38	49	62	79
	Housing	Aluminum/metal			
	Frame width (top/bottom/left/right)	21/52/21/21 mm			
	VESA	4 x M6 400 x 400 mm	4 x M6 600 x 400 mm	4 x M8 800 x 400 mm	4 x M8 800 x 600 mm
Accessories	Scope of delivery	IR remote control, power cable (3 m), USB A/B cable (3 m), HDMI cable (3 m), 2x passive pens (suitable for left- and right-handers), Eraser, QuickStartGuide			

Subject to change - Status 05.2024

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.



3053000001

EShare HDMI Dongle

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



3051000062

OPS PC i5-12450H



3051000063

OPS PC i7-12650H



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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