86″ TD-4086
75″ TD-4075
65″ TD-4065

Kindermann Displays

Touchdisplays TD-40xx

> Capacitive touch with active stylus pen for a Surface tablet-like experience.

> USB-C: One connector for image, sound, data, touch and 65 watts PowerDelivery.

> No operating system - no IT security issues.

> Optical bonding and brilliant colours for an inspiring picture in 4K.

> Active pen with a battery life of up to 120 hours included.

> High luminosity with low energy consumption.

Technical data

Model		TD-4065	TD-4075	TD-4086
Article number		**3050 000 052**	**3050 000 053**	**3050 000 054**
Panel	Diagonal / visible surface	65" / 1428 x 804 mm	75" / 1650 x 928 mm	86" / 1895 x 1066
	Panel type / backlight	VA / Direct LED		
	Resolution / aspect ratio / colour depth	3840 x 2160 / 16:9 / 10 bit (1.07 trillion colours)		
	Direction of use / Maximum service life (daily)	Lateral & horizontal / 18 hours		
	Brightness (typical)	~600 cd/m²	~600 cd/m²	~600 cd/m²
	Contrast (dynamic)	4000:1		
	Response time (typical)	6ms		
	Frame rate	60Hz		
	Viewing angle	178°(H) / 178°(V)		
	Minimum service life	>30.000 Operating hours		
Touch	Touch technology	PCAP - capacitive touchscreen with support for active input pens		
	Distance panel / front glass	Optical-Bonding		
	Touch points	up to 10 points, incl. support for Microsoft Pen Protocol 2.0		
	Front glass	Tempered glass, 3 mm thick, MoHS7, anti-reflective, highly transparent		
	Transmission / Haze-Level	> 80% / < 12%		
	Minimum object size / Precision	Finger < 2.5 mm, active pin < 2 mm		
	Active pen (Windows)	Pen tip: mouse, writing, marking, etc. Back: erasing		
	Driver	Plug and Play (HID)		
	Operation	Finger, passive tablet stylus (> 8mm), active stylus		
	Single touch compatibility	Windows 10/11, Android, ChromeOS, MacOS X (driver required)		
	Single touch	Linux, MacOS X (driver required)		
	Battery (active pen)	65 mAh lithium battery for 120 hours of continuous use, charged in 40 minutes via USB-C		
Loudspeaker	Configuration / power	2.1 system with 20W each - Frequency response: 80 - 20,000 Hz		
Menu	Languages	German, English, French, Italian		
Connections Front (lateral)	Public-USB	3x USB 3.0 type A		
	HDMI 2.0 input	1		
	USB Typ C input	1x with support for video (3840x2160@60Hz DP Alt Mode), touch, data transfer, USB PD 3.0 max. 20V / 3.25 A (65 Watt)		
	Touch-USB	1x USB 3.x type B		
	Sensors	Ambient light sensor		
Connections Rear (top)	Camera connection (Public-USB)	1x USB-C 3.x (data only)		

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Connections lateral	OPS slot	1x JAE 80pin (power supply 12 - 19V /2.5/5A)		
	Touch-USB	1x USB 2.0 type B		
	HDMI 2.0 input	1		
	VGA / Audio (3.5 mm jack) input	1 / 1 (1920x1080@60Hz)		
	Public-USB	2x USB 2.0 type A (1x at the bottom)		
	HDMI output	1 (below)		
	Audio output (3.5 mm jack)	1 (below)		
	Mic-In (3.5 mm jack)	1		
	LAN	2x RJ45 100/1000 MBit/s		
	RS232	1 (9pin SubD (bottom))		
Power connection	Input voltage / connection	100 V ~ 240 V/AC, 50/60 Hz - IEC socket		
	Consumption (typical)	approx. 137 W	approx. 175 W	approx. 213 W
	Consumption (eco)	approx. 97 W	approx. 113 W	approx. 130 W
	Standby consumption	<0.5W		
Environmental conditions	Temperature - operation	0 - 40°C		
	Temperature - storage	-20 - 60°C		
	Humidity - operation	10 - 90% (non-condensing)		
	Humidity - storage	10 - 90% (non-condensing)		
Dimensions / Material	Display dimensions (mm) (WxDxH)	1485 x 81 x 869	1707 x 82 x994	1953 x 81 x 1133
	Packing dimensions (mm) (WxDxH)	1690 x 210 x 1060	1920 x 210 x 1150	2140 x 216 x 1347
	Net weight approx. (kg)	42	57	70
	Gross weight approx. (kg)	56	72	89
	Housing	Aluminium/metal		
	Frame width (top/bottom/left/right)	1,5 mm (all sides)		
	VESA	4 x M8 500 x 400 mm	4 x M8 600 x 400 mm	4 x M8 800 x 400 mm
Accessories	Scope of delivery	IR remote control, mains cable (3 m), USB A/B cable (3 m), HDMI cable (3 m), 1x active control pen incl. USB A/C charging cable, Quickstart Guide		

Subject to change - Status 12/08/2024

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