



Kindermann displays

Touchdisplays TD-11²

- > 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" / 1428 x 804 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.) | >400cd/m ² (typ.) | >400cd/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 Windows 10/11 pen 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 | | | |
| Loudspeaker | Configuration / power | Stereo sound system, 2x 20W, frequency response: 200 - 20.000 Hz | | | |
| | SoC | A311D2 OctaCore, 4x A73 @ 2,2 Ghz / 4x A53 @ 2 GHz , MaliG52 MP8 | | | |
| | RAM / eMMC | 8 GB / 64 GB | | | |
| SoC | 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 streaming | Yes, Eshare incl. support for HDMI and USB-C dongle, AirPlay and Chromecast (Miracast in Wifi Direct Mode) | | | |
| Additional apps | OpenCamera, OpenStreetmaps, Wikipedia | | | | |
| Menu languages | Available | German, English, French, Italian, Spanish, Dutch, Finnish, Swedish, Danish, Norwegian, Croatian, Estonian, Latvian, Lithuanian 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 01.2024

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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