

TECHNICAL PRODUCT SHEET

TDHNIFDB

65/75/86 inch Smart interactive Flat Panel



Features

- 65/75/86-inch 4K DLED display with Zero Air Gap technology that delivers a clear image in sharp, vivid colors.
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system.
- 8 physical front buttons for quick access to functions.
- Smooth writing experience, and handwriting recognition.
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security.
- Switches between Android and Windows, and OPS module is optional.

Technical Specification

| <i>Built-in System</i> | |
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| Operating System | Android 11 |
| CPU | Quad-core A55 |
| CPU Frequency | 1.9 GHz |
| GPU | ARM Mali-G52 MP2 (2EE) |
| RAM | 8 GB (optional 4 GB) |
| ROM | 64 GB (optional 32 GB) |
| <i>LCD Panel</i> | |
| Panel Dimensions | 65 inch; 75 inch; 86 inch |
| Backlight | DLED |
| Aspect Ratio | 16:09 |
| Brightness | 400 cd/m ² (typ.) |
| Contrast | VA: 4000; IPS: 1200 |
| Resolution | 3840 × 2160 |
| Viewing Angle | 178° (H) / 178° (V) |
| Lifespan | 50,000 hours |
| Display Color | 1.07 B |
| Response Time | 8 ms (typ.) |
| Refresh Rate | 60 Hz |
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| <i>Device Ports</i> | |
| Light Sensor | Yes |
| Front Button | 8 buttons (power, home, menu, signal source, touch lock, curtain, volume, and annotation) |
| Front Ports | Type C × 1 (4K@60 Hz, Touch) HDMI In × 1 (4K@60 Hz) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type A × 2 Mic In × 1 (3.5 mm port) |
| Rear Port | Type C × 1 (4K@60 Hz, Touch) HDMI In × 2 (4K@60 Hz) VGA In × 1 (1080p@60 Hz) USB 3.0 Type-B × 3 (Touch) HDMI Out × 1 USB 3.0 Type A × 2 Micro USB × 1 RS-232 × 1 RJ45 In × 1 RJ45 Out × 1 Audio In × 1 (3.5 mm port, used to play sound with VGA) Audio Out × 1 (3.5 mm port) SPDIF Out × 1 (Optical port) OPS slot × 1 |
| <i>Function</i> | |
| IR Receiver | Yes |
| Bluetooth | Bluetooth 5.2 |

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| Wi-Fi | WiFi 5, 2.4 GHz/5 GHz; Integrated WiFi 802.11 b/g/n/ac, supports PEAP/EAP-GTC authentication protocol within 802.IX |
| Wireless Access Point | WiFi 5, 2.4 GHz/5 GHz; Supports enabling Hotspot and Wi-Fi at the same time |
| Touchscreen | |
| Touch Technology Type | Infrared touch technology |
| Attachment Method | Zero Air Gap |
| Response Time | ≤10 ms |
| Touch Points | Android: 32, Windows: 40 |
| Touch Accuracy | ± 1 mm (over 90% Area) |
| Valid Touch | 2 mm |
| Touch Height | <2.5 mm |
| Writing Mode | Finger + Pen (attaches magnetically) |
| Communication Mode | USB |
| Anti-light Interference | Anti-dazzle tempered glass |
| Surface Hardness | 8H |
| Touch Resolution | 32767 × 32767 |
| Speaker | |
| Built-in Speaker | 2 |
| Power | 2.0 sound channel, front-end: 2 × 15 W |
| General | |
| Power Supply | 100–240 VAC, 50/60 Hz |
| Power Consumption | 65-inch: 120 W (typ.); 200 W (max.) 75-inch: 150 W (typ.); 300 W (max.) 86-inch: 200 W (typ.); 400 W (max.) |
| Standby Power Consumption | ≤0.5 W |
| Operating Temperature | 0 °C to +40 °C (+32 °F to +104 °F) |
| Storage Temperature | –10 °C to +50 °C (+14 °F to +122 °F) |
| Operating Humidity | 10%–90% (RH) |
| Storage Humidity | 10%–90% (RH) |
| Product Material | Metal |
| Glass | 4 mm Anti-dazzle tempered glass |
| Casing Color (Frame/Rear) | Bottom/top: Silver; left/right: black; back: black |
| Product Dimensions | 65-inch: 1,485.2 mm × 93.0 mm × 924.5 mm (58.47" × 3.66" × 36.40") 75-inch: 1,707.5 mm × 93.0 mm × 1,050.0 mm (67.22" × 3.66" × 41.34") 86-inch: 1,953.2 mm × 93.0 mm × 1,187.9 mm (76.90" × 3.66" × 46.77") |

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| Packaging Dimensions | <p>65-inch: 1,580.0 mm × 200.0 mm × 1030.0 mm (62.20" × 7.87" × 40.55")</p> <p>75-inch: 1,800.0 mm × 200.0 mm × 1,165.0 mm (70.87" × 7.87" × 45.87")</p> <p>86-inch: 2,050.0 mm × 200.0 mm × 1,310.0 mm (80.71" × 7.87" × 51.57")</p> |
| Net Weight | <p>65-inch: 40 kg (88.19 lb)</p> <p>75-inch: 52 kg (114.64 lb)</p> <p>86-inch: 68 kg (149.92 lb)</p> |
| Gross Weight | <p>65-inch: 50 kg (110.23 lb)</p> <p>75-inch: 65 kg (143.30 lb)</p> <p>86-inch: 82 kg (180.78 lb)</p> |
| Holes Distance | <p>65-inch: 500 mm × 400 mm (19.69" × 15.75")</p> <p>75-inch: 600 mm × 400 mm (23.62" × 15.75")</p> <p>86-inch: 800 mm × 400 mm (31.50" × 15.75")</p> |
| Installation | Wall mount; mobile bracket |
| Packing List | <p>Smart interactive flat panel × 1</p> <p>Power cord × 1</p> <p>Passive stylus pen × 2</p> <p>HDMI cable × 1</p> <p>Quick start guide × 1</p> <p>Wall mount bracket (already installed on the Flat Panel) × 1</p> <p>Accessory package × 1</p> <p>Remote control × 1</p> <p>Legal and Regulatory Information × 1</p> |

