

LDQR15- 10.1" Smart Tablet PC



The LDQR15 is a versatile, bar-type tablet designed for reliable performance and diverse connectivity options.

Display & Design

- **Screen Size:** 10.1" IPS Display.
- **Resolution:** 1280 x 800 IPS.
- **Touch Panel:** 10-point multi-touch (G+G, I2C).
- **Dimensions:** 255.2 x 114 x 21.1mm
- **Weight:** 830g.

Core Performance

- **Processor (CPU):** Allwinner A133 integrates quad-core 64-bit Cortex™-A53 CPU up to 1.5 GHz
- **Graphics (GPU):** Imagination PowerVR GE8300.
- **Memory (RAM):** 2GB.
- **Storage (ROM):** 16GB.
- **Operating System:** Android 10

Connectivity & Networking

- **Wi-Fi:** 802.11 b/g/n.
- **Bluetooth:** BT 4.2.
- **LTE Support:** Cat 1 (Bands: B1, B3, B5, B38, B39, B40).

Interface & Ports

- **USB Ports:**
 - 1x Type-A USB 2.0 (Host).
 - 1x Type-C USB 2.0 (OTG).

- **SIM Slot:** 1x SIM Slot for data transfer.
- **Power:** 1x DC Port (12V/2A).

Multimedia & Audio

- **Speakers:** Built-in 8Omega/2W dual speakers (x2).
- **Video Capabilities:** * Supports H.264 Video Encoding.
 - Supports HEVC/H.265 (Main/Main10) Decoding.

Based on the technical specifications of the **LDQR15**, here are several practical use cases you can feature on your web page to show how this device fits into different environments:

Professional & Commercial Use Cases

- **Point-of-Sale (POS) Terminal:** The dedicated **USB HOST port** ensures a stable wired connection for transactions, while the **10-point multi-touch** screen provides an intuitive interface for staff.
 - **Industrial Control Panel:** Its **bar-type plastic** build and **Vesa-ready** potential (suggested by the DC port and weight) make it suitable for mounting as a controller.
 - **Digital Signage:** With **HEVC/H.265 video decoding** and **dual 2W speakers**, it can act as an interactive advertising kiosk in retail or hospitality settings.
 - **Office Productivity Station:** Use the **USB Type-A Host port** to connect a keyboard or mouse, and the **Android OS** to run essential business applications.
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Connectivity-Driven Use Cases

- **Remote Field Work:** The **LTE Cat 1** support and **SIM slot** allow for data transfer in locations without Wi-Fi, making it a reliable tool for field technicians.
 - **Always-On Smart Home Hub:** Power the device continuously via the **12V/2A DC port** (avoiding battery wear) to control smart devices over **Wi-Fi** or **Bluetooth 4.2**.
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Education & Media Use Cases

- **Classroom Learning Tablet:** The **10.1" IPS screen** offers wide viewing angles for students , and the **Quad-Core CPU** provides enough power for educational apps and research.
- **Media Consumption:** The **1280 x 800 resolution** and **H.264/H.265 hardware decoding** provide a smooth experience for streaming high-definition video.

Key Highlights

- **Vibrant 10.1" IPS Display:** Features a 1280 x 800 resolution IPS screen with a 10-point multi-touch interface for responsive and clear visuals.
- **Quad-Core Performance:** Powered by an Quad-Core processor running at 1.5GHz , coupled with an Imagination PowerVR GE8300 GPU for smooth operation.
- **Modern Operating System:** Pre-installed with Android OS, providing a familiar and flexible software environment.
- **High-Fidelity Audio:** Equipped with dual built-in 8om 2W speakers to provide clear and loud stereo sound.

- **Robust Connectivity Suite:** Stay connected anywhere with support for 4G LTE Cat 1 , Wi-Fi 802.11 b/g/n , and Bluetooth 4.2.
- **Professional Hardware Interfaces:** Features multiple data transfer options including a dedicated USB Type-A Host port , a USB Type-C OTG port , and a SIM card slot.
- **Advanced Media Handling:** Built-in support for H.264 video encoding and Main/Main10 HEVC/H.265 video decoding.
- **Reliable Power Design:** Includes a dedicated 12V/2A DC power port for consistent performance during heavy use