# DORLAND Mining Intrinsically Safe Tablet Computer KJD3.7

DORLAND System Control Technology Co., Ltd. has recently launched the KJD3.7 mining intrinsic safety tablet computer. It adopts advanced technology, intrinsic safety design, powerful appearance, and sturdy body. This PAD adopts an 8.0-inch touch screen design and is equipped with a front 5MP camera and a rear 32 MP camera. Its waterproof and dustproof performance meets the international IP67 standard.

In addition, it is equipped with BeiDou/GPS/Galileo/GLONASS positioning, compass and other functions suitable for outdoor construction and pipeline inspection. It can cooperate with OA office system, patrol positioning system, data acquisition system and other applications. Especially suitable for hazardous explosion environment, such as petroleum, chemical, pharmaceutical, oil depot, tank farm and other dangerous places with combustible and explosive gas, which is convenient for users to communicate with production and scheduling in time.

IP Grade: IP67

Ex-marking: Ex ib I Mb

Certificate No.: CCRI 25.7572

OS: Android 15.0

CPU: Qualcomm ® Snapdragon SM6225pro, 8-core, 2.8GHz

Screen: 8-inch IPS screen, resolution: 1920 * 1200, 500nits, visible in sunlight

Memory: 8GB RAM/128GB ROM

Camera: Rear camera 32MP autofocus and flash, front camera 5MP

Battery: 3.8V/9000mAh, User-replacable

Frequency bands: GSM: 850/900/1800/1900

EVDO: BC0

WCDMA: B1/B2/B5/B8

TD-SCDMA: B34/B39

TDD-LTE: B38/B39/B40/B41

FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28A/B28B/B19/B26/B66

Bluetooth: Bluetooth 5.2

Wireless: 802.11 a/b/g/n/ac/ax ready

NFC: Supports

Sensors: accelerometer/light sensor/gyroscope/compass

Positioning: Standard configuration: Four star positioning: Ublox M10N, BeiDou/GPS/Galileo/GLONASS

**Other accessories: optional**

Hand strap:



Metal Cradle (RAM/VESA75/VESA100)




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KJD3.7
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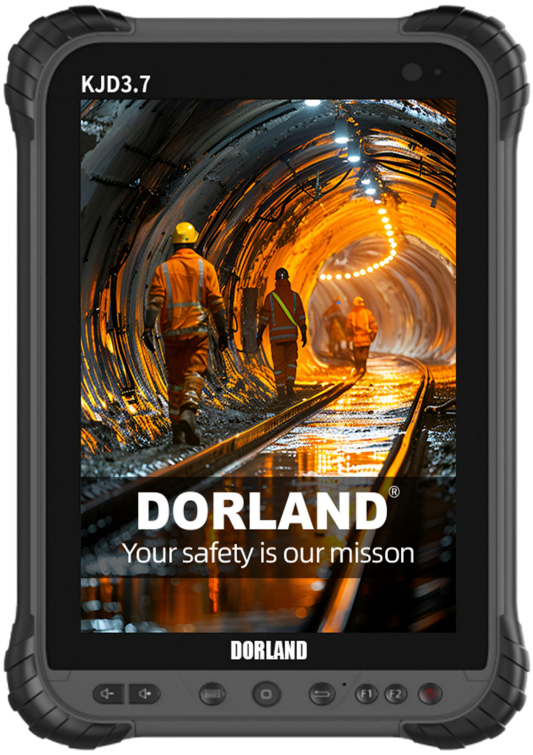
KJD3.7
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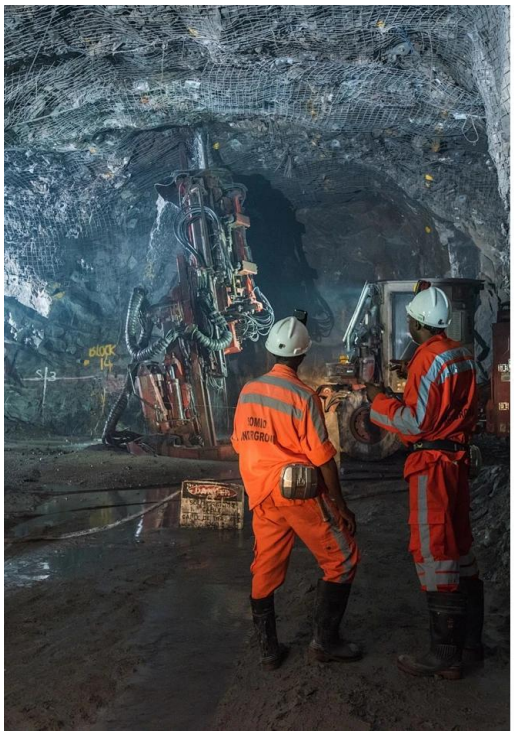
Your safety is our misson
DORLAND



| Certificate of Explosion-proof | | |
|---|---|---|
| Certificate of Explosion-proof | Ex-marking | Ex ib I Mb |
| | Certificate No. | CCRI 25.7572 |
| | IP Grade | IP67 |
| **Appearance** | | |
| Appearance | Dimensions | 235*146*13mm（L*W*H） |
| | Weight | ≈594g (excluding battery, weight may vary slightly due to different optional modules) |
| | OS | Android 15 (GMS) |
| **Parameters** | | |
| Performances | Processor | Qualcomm ® Snapdragon SM6225pro, 8-core, 2.8GHz |
| | Memory | 8GB RAM+128GB ROM |
| | LCD | 8-inch IPS screen resolution: 1920 * 1200, visible under sunlight at 500nits |
| | Touch panel | Supports multi touch |
| | Camera | Rear camera 32MP autofocus and flash, front camera 5MP |
| | SIM card | Dual SIM Dual Standby Nano SIM |
| | Buttons | Power Supply, Home, Menu, Return, Volume+/-, Custom Function Keys: F1, F2 |
| | Ports | Type-C |
| **Battery parameters** | | |
| Battery parameters | Battery capacity | 3.8V/9000mAh, User-replacable |
| | Battery type | Lithium manganese oxide battery |
| | Battery life | 11 hours of operation, 168 hours of standby |
| **Communications** | | |
| Communications | Frequency band | GSM: 850/900/1800/1900<br>EVDO: BC0<br>WCDMA: B1/B2/B5/B8<br>TD-SCDMA: B34/B39<br>TDD-LTE: B38/B39/B40/B41<br>FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28A/B28B/B19/B26/B66 |
| | Wi-Fi | 802.11, a/b/g/n/ac/ax ready |
| | Bluetooth | BT5.2 |
| | NFC | NFC, 13.56 MHz |
| | Audio | Speaker, microphone |
| | Positioning | Standard configuration: Four star positioning: Ublox M10N, Beidou/GPS/Galileo/GLONASS |

| Sensor | | |
|---|---|---|
| Sensor | Gravity | Support |
| | Gyroscope | Support |
| | Accelerometer | Support |
| | Ambient light | Support |
| **Environmental parameters** | | |
| Environmental parameters | Operating temperature | 0 °C to 40 °C (32 °F to 104 °F) |
| | Storage Temperature | -40 °C to 60 °C (-40 °F to 140 °F) |
| | RH Humidity | 0% ～ 95% (non-condensing) |
| **Optional modules** | | |
| Optional modules | Spare battery | 3.8V/9000mAh |
| | Hand wraps | 80.50 * 96.00mm (inner diameter); 115 * 132mm (outer diameter); 4 * Screw hole: Ø 2.1 ± 0.05mm |
| | Strap | 80.50 * 96.00mm (inner diameter); 140 * 230mm (outer diameter); 4 * Screw hole: Ø 2.1 ± 0.05mm; Shoulder strap length: 3m (adjustable) |
| | Screen protector | 128.44*204.53mm |
| | Car Mount | Metal bracket/plastic bracket |
| | Mid pole bracket | all-metal |





CCRITC

# CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

**Certificate No.: CCRI 25.7572**

**Applicant Company:** Beijing Dorland System Control Tech Co.,Ltd.

**Production:** Beijing Dorland System Control Tech Co.,Ltd.

**Name of Product:** Mining Intrinsically Safe Tablet Computer

**Type of Product:** KJD3.7

**Marking:** Ex ib Ⅰ Mb

**Technical Documents:** Q/DLM 003-2025

**Drawing No.:** KJD3.7-00

**Note(s):**

1.Intrinsically Safe Parameters: Uo: DC 4.3 V, Io: 3.0 A. Powered by a single Ex Battery097 lithium manganate battery.
2.Charging shall only be carried out in a safe area using the CE-certified QC3.0 charging adapter manufactured by Dongguan Jiachen (Xieyang) Electronics Co., Ltd.!
3.Associated Test Report No.: 2025521063FB-T.

**By verifying the drawings, technical documents and checking samples, the product complies with the following standards currently valid in P.R.China:**

**GB/T 3836.1-2021,GB/T 3836.4-2021**

**Date of Issue:** 10. 30. 2026

**Valid till:** 10. 29. 2031

**Authorize:**

**CCRI (Beijing) Testing Technology Co., Ltd.**

**(Beijing Testing Center of Mine Support Equipment for National Safe Production)**

Note: This certificate is only valid for the products that are in accord with samples tested and verified.
Address: Building 6, No.5, Yulong Street, Caiyu Town, Beijing Economic and Technological Development Area(Daxing), Beijing Tel/fax: 010-89268018
The query url of Explosion-proof Certificate: http://jc.ccrite.com.cn