

CENAVA

Ultra-Rugged, More Secure Handheld Terminals

Business Card Adhesive Area



Independent R&D and production Industrial Rugged Computer Supplier



Industrial explosion-proof
Rugged phone terminal

Three-proofing rugged
tablet terminal

Industrial rugged laptop PC

Industrial three-proofing
and explosion-proof terminal

Domestic military grade
customization area

Touch screen commercial
display advertising terminal

ShenZhen ChenXiang Intelligent Technology Co.,Ltd.

Shenzhen Chenxiang Intelligent Technology Co., Ltd.

The core members of Xhenxiang Intelligence are all from the industrial industry elite talent, in the structure design of the equipment drop resistance, impact resistance, waterproof, dustproof, explosion-proof, harsh environment reliability and other aspects of a wealth of experience, so we can provide customers with one-stop solution from the appearance of the design, mold development and manufacturing, hardware and software development, product production, and so on.

Our products are strictly in accordance with the industry's high quality and high standards of manufacturing, successfully passed the 3C, CE, FCC, FCC-ID, ICD, RoHS, explosion-proof and other related certificates, the protection degree of up to IP65-IP68, in accordance with the U.S. military standard MIL-STD-810G standard, shock and impact resistance. Multi-mode optional 3G/4G/5G/data-frequency Wifi/Bluetooth/BeiDou/GPS/GLONASS/RTK high-precision positioning, 1D/2D code, ID card, fingerprints, HF/UHF, etc., widely used in, industrial control, energy, healthcare, precision instrumentation, aerospace, automotive electronics, consumer electronics, finance, electric power measurement and control, animal husbandry, security monitoring, government, enterprise, military, service and other fields.

In the future, Chenxiang Intelligence will, as always, adhere to the "Make the industry one centimeter narrower and the product one kilometer deeper" vertical product direction.

Through years of unremitting efforts and gradual innovation, Chenxiang has been awarded the title of national and provincial scientific and technological innovation high technology enterprise several times, and owns more than 60 intellectual property patents. Product sales and services in nearly 100 countries and regions around the world, cumulative global customer service more than 700 enterprises to provide hardware. We provide one-stop support services for customers' intelligent hardware procurement.



Supports software management functions

SELF-DEVELOPMENT AND PRODUCTION

Chemical intrinsic safety/
ATEX explosion-proof model

USB3.0/2.0HDMI serial port aviation plug Gigabit network
port SIM/TF card slot

TYPE-CSPI interface SOC core

1D/2D Barcode Scanner Fingerprint NFC Low-Frequency
High-Frequency Ultra-High-Frequency ID Card

ID card thermal imaging

RFID card reader iris infrared LORA communication ZIGBEE
communication digital analog intercom

Numbering and coding
appearance customization

Multiple serial ports, multiple network ports, multiple aviation plugs,
multiple USB ports, customized private model installation

2G/3G/4G/5G WIFI Bluetooth

MDM software customization system software power on/
off animation body LOGO

GPS EPR certification
CE certification

RTK high-precision positioning Beidou-3 satellite
positioning Galileo GLONASS

GJB151B-2013
GJB367A-2001
GJB150A-2009 US
military standard

Explosion-proof certification, three-proof certification,
WEEE certification, ROHS certification, FCC certification

SOFTWARE MANAGEMENT

- LOGO customization
- Interface function customization
- Button function customization
- Shell customization
- Module function customization
- Customer private mold customization

- Disable physical buttons, disable security mode, system upgrades, sharing and other functions;
- Prohibit uninstalling control software, prohibit restoring factory settings; disable VPN, flight mode, disable GPS, disable non-system applications;
- Disable WAN, disable WAN hotspot; disable Bluetooth, disable Bluetooth transmission, disable SD, disable U disk function, USB, OTG, ADB and other storage and transmission.



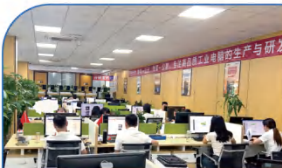
R&D AND PRODUCTION



Production Department



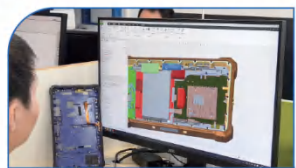
Quality Control Department



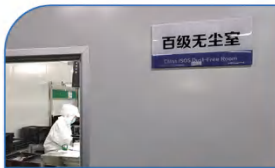
Sales Department



SMT Placement



R&D Department



Clean Room



Professional Certification



Strict Quality Inspection

Smart Mobile Handheld PDA



CENAVA
Ultra Rugged, More Secure Handheld Terminals

A65GT MTK Dimensity 7050

Android 5G(ODM) GPS WiFi/BT Thumbprint Camera NFC Memory GPU



- 6.58-inch 1080×2408 IPS display Brightness: 500 cd/m² Capacitive 5-point touch
- MTK Dimensity 7050 Octa-core, 2xA78 + 6xA55 2.6GHz + 2.0GHz
- Android 15
- Standard configuration: 8GB RAM + 128GB storage / 12GB RAM + 256GB storage, supporting up to 1TB expansion via TF card.
- Front camera: 16MP;
- Rear camera: Position ①: 100MP, PDAF autofocus, flash support; Position ②: 20MP AF night vision; Position ③: 8MP wide-angle + macro (select one of three).
- Wi-Fi: Supports 802.11a/b/g/n/ac/ax Wi-Fi 6
- Bluetooth: BT 5.2 BLE
- Network: 2G/3G/4G/5G modules
- Protection Rating: IP67
- Drop Test: Complies with (GJB 150.18A-2009, GJB 150.1A-2009) and (MIL-STD-810H) 1.22-metre drop test
- Operating Temperature: -20°C to 60°C (Customisable: -30°C to 60°C)
- Storage Temperature: -30°C to 70°C (Customisable: -40°C to 70°C)
- Ambient Humidity: 5%RH to 95%RH (non-condensing)

- 172.25x83.90x22.86mm/ approximately 360g
- Arm Mali-G68 MC4
- Features a built-in 9600mAh battery, delivering 11 to 14 hours of battery life.
- Digital-analogue integrated walkie-talkie, 2W (Model 006), U band, 2 kilometres in open terrain
- Standard Accuracy Version: Standalone standard-accuracy positioning module supporting BeiDou-3/GPS hybrid positioning, standalone BeiDou positioning, and metre-level accuracy.
- High-Accuracy Version: Standalone high-accuracy positioning module supporting BeiDou-3, centimetre-level positioning, and high-precision positioning compatible with dual-frequency single-BeiDou and multi-frequency multi-system configurations.
- Optional configuration, externally connectable via PIN points. Newland NLS-EM2596 (hardware decoding), supporting mainstream 1D and 2D barcode scanning and recognition.
- SIM×2, dual SIM dual 5G standby, dual SIM and TF-card (choose two from three) Type-C (charging, data transfer, OTG support for RJ45 interface/USB flash drive, 5W reverse charging)

CENAVA
Ultra Rugged, More Secure Handheld Terminals

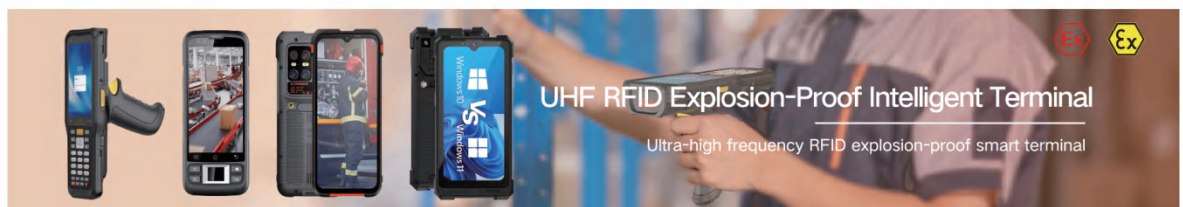
W65G N4020

Windows 5G(ODM) GPS WiFi/BT Thumbprint Camera NFC Memory



- 6.5-inch 720×1600 IPS display, 700 cd/m² brightness 5-point capacitive touch with Glass-on-Film (G+FF) technology Corning Gorilla Glass with hardness rating exceeding 6H, scratch-resistant
- Gemini Lake N4020 processor, 2 cores with 2 threads, featuring 4 MB embedded SmartCache, 6W TDP, maximum clock speed of 2.8GHz.
- Windows 11 Optional Windows 10
- 8GB+128GB
- Front camera: 8.0MP fixed focus
- Rear camera: 12MP autofocus
- Wi-Fi: Wi-Fi 802.11 (a/b/g/n/ac) 2.4GHz + 5.8GHz
- Bluetooth: BT5.0 (BLE) Class 1 Transmission range: Greater than 10 metres
- Network: 3G/4G/5G module (customisable)
- Protection Rating: IP65
- Drop Test: Compliant with (GJB 150.18A-2009, GJB 150.1A-2009) and (MIL-STD-810H) 1.22-metre drop test
- Operating Temperature: -20°C to 60°C
- Storage Temperature: -30°C to 70°C
- Ambient Humidity: 5%RH to 95%RH (non-condensing)

- 182.4*87.66*23.15mm/470g
- Intel® UHD Graphics 600
- 7.6V/4000mAh polymer lithium-ion battery, removable, approximately 6 hours of battery life
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- 2D scanning head, ultra-high frequency module (customised)
- GPS, BeiDou, Galileo, GLONASS (optional single BeiDou positioning)
- Type-C x1, USB port x1, TF Card slot (supports up to 512GB expansion) x1, SIM Card slot x1, POGO PIN x1



UHF RFID Explosion-Proof Intelligent Terminal

Ultra-high frequency RFID explosion-proof smart terminal

Rugged High-Compute Tablet

IP68 1.5m Water Resistance

MIL-STD-810H

Temperature: -30 °C ~ 60 °C



A10R

RK3568/3588 4/8core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical explosion-proof Double explosion-proof

Android 5G(ODM) GPS WiFi/BT Thumbprint Camera NFC Memory serial port 1D/2D



- 10.1-inch 1920×1200 IPS display Brightness: 700 cd/m² Capacitive 10-point touch, Glass-on-Glass (G+G) construction Hardness: ≥7
- RK3568 Quad-core 64-bit Cortex-A55, maximum clock speed 2.0GHz
RK3588 Octa-core 64-bit (4xCortex-A76+4xCortex-A55) 2.4GHz
- 8G+128G+SSD
RK3588 Optional 16G+256G+SSD
- RK3568: Front: 5MP fixed focus
Rear: 8MP autofocus
RK3588: Front: 13MP fixed focus
Rear: 13MP autofocus
- WiFi: Dual-band WiFi 5 (802.11 a/b/g/n/ac)
RK3588 supports WiFi 6
Bluetooth: Bluetooth 5.0
Transmission range: 10m
Network: 2G/3G/4G/5G customised modules
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- RK3568 comes standard with Android 11, while RK3588 comes standard with Android 12; Optional configurations include StarLight Kirin / OpenHarmony (V4.1) / Galaxy Kirin V10 Defence Edition/ Ubuntu 24.04.2.
- 276.0*180.5*22.5mm/1138g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 7.6V 5550mAh high-voltage lithium battery, non-removable, battery life ≥7 hours Customisable high-capacity battery solutions available
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (Optional single BeiDou positioning)
- 1D/2D scanning heads, UHF modules, ID cards, low-frequency, fingerprint, fingerprint enrolment, RTK high-precision positioning (customisable upon request)
- M.2 SSD x1, Type-C x1, Type-A x1, TF Card (supporting up to 2TB expansion) x1, SIM Card x1, POGO PIN x1, HDMI x1, standard 3.5mm headphone jack x1, DC x1, Ethernet port x1, DB9 connector x1

A80R

RK3568/3588 4/8core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical explosion-proof Double explosion-proof

Android 5G(ODM) GPS WiFi/BT Thumbprint Camera NFC Memory RJ45 1D/2D



- 8-inch 1920×1200 IPS display Brightness: 700 cd/m² Capacitive 10-point touch, Glass-on-Glass (G+G) construction Hardness: ≥7
- RK3568 Quad-core 64-bit Cortex-A55, maximum clock speed 2.0GHz
RK3588 Octa-core 64-bit (4xCortex-A76+4xCortex-A55) 2.4GHz
- 8G+128G+SSD
RK3588 Optional 16G+256G+SSD
- RK3568: Front: 5MP fixed focus
Rear: 8MP autofocus
RK3588: Front: 13MP fixed focus
Rear: 13MP autofocus
- WiFi: Dual-band WiFi 5 (802.11 a/b/g/n/ac)
RK3588 supports WiFi 6
Bluetooth: Bluetooth 5.0
Transmission range: 10m
Network: 2G/3G/4G/5G customised modules
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- RK3568 comes standard with Android 11, while RK3588 comes standard with Android 12; Optional configurations include StarLight Kirin / OpenHarmony (V4.1) / Galaxy Kirin V10 Defence Edition/ Ubuntu 24.04.2.
- 227.0*142.0*22.5mm/838g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 7.6V 5550mAh high-voltage lithium battery, non-removable, battery life ≥7 hours Customisable high-capacity battery solutions available
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (Optional single BeiDou positioning)
- 1D/2D scanning heads, UHF modules, ID cards, low-frequency, fingerprint, fingerprint enrolment, RTK high-precision positioning (customisable upon request)
- M.2 SSD x1, Type-C x1, Type-A x1, TF Card (supporting up to 2TB expansion) x1, SIM Card x1, POGO PIN x1, HDMI x1, standard 3.5mm headphone jack x1, DC x1, Ethernet port x1

Two-Point Shoulder Strap (Optional)



Two-Point Carrying Handle (Optional)



Vehicle mount (optional)



Leather case (optional)



Crossbody bag (optional)



Four-Point Lashing Strap (Optional)



Three-Proof Tablet with Removable Battery



A10RX RK3568/3588 4/8core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Double explosion-proof

Android 5G(ODM) GPS WiFi/BT Thumbprint Camera NFC Memory Serial port 1D/2D



- 10.1-inch 1920×1200 IPS display Brightness: 700 cd/m² Capacitive 10-point touch, Glass-on-Glass (G+G) construction Hardness: ≥7
- RK3568 Quad-core 64-bit Cortex-A55, maximum clock speed 2.0GHz
RK3588 Octa-core 64-bit (4xCortex-A76+4xCortex-A55) 2.4GHz
- 8G+128G+SSD
RK3588 Optional 16G+256G+SSD
- RK3568: Front: 5MP fixed focus Rear: 8MP autofocus
RK3588: Front: 13MP fixed focus Rear: 13MP autofocus
- WiFi: Dual-band WiFi 5 (802.11 a/b/g/n/ac)
RK3588 supports WiFi 6
- Bluetooth: Bluetooth 5.0
Transmission range: 10m
Network: 2G/3G/4G/5G customised modules
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

RK3568 comes standard with Android 11, while RK3588 comes standard with Android 12; Optional configurations include StarLight Kirin / OpenHarmony (V4.1) / Galaxy Kirin V10 Defence Edition/ Ubuntu 24.04.2.

- EX Class II Petrochemical Explosion-Proof
- 7.7V 4400mAh high-voltage lithium battery, removable
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (Optional single BeiDou positioning)
- 1D/2D scanning heads, UHF modules, ID cards, low-frequency, fingerprint, fingerprint enrolment, RTK high-precision positioning (customisable upon request)
- M.2 SSD x1, Type-C x1, Type-A x1, TF Card (supporting up to 2TB expansion) x1, SIM Card x1, POGO PIN x1, HDMI x1, standard 3.5mm headphone jack x1, DC x1, Ethernet port x1, DB9 connector x1

A80RX RK3568/3588 4/8core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Double explosion-proof

Android 5G(ODM) GPS WiFi/BT Thumbprint Camera NFC Memory RJ45 1D/2D



- 8-inch 1920×1200 IPS display Brightness: 700 cd/m² Capacitive 10-point touch, Glass-on-Glass (G+G) construction Hardness: ≥7
- RK3568 Quad-core 64-bit Cortex-A55, maximum clock speed 2.0GHz
RK3588 Octa-core 64-bit (4xCortex-A76+4xCortex-A55) 2.4GHz
- 8G+128G+SSD
RK3588 Optional 16G+256G+SSD
- RK3568: Front: 5MP fixed focus Rear: 8MP autofocus
RK3588: Front: 13MP fixed focus Rear: 13MP autofocus
- WiFi: Dual-band WiFi 5 (802.11 a/b/g/n/ac)
RK3588 supports WiFi 6
- Bluetooth: Bluetooth 5.0
Transmission range: 10m
Network: 2G/3G/4G/5G customised modules
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

RK3568 comes standard with Android 11, while RK3588 comes standard with Android 12; Optional configurations include StarLight Kirin / OpenHarmony (V4.1) / Galaxy Kirin V10 Defence Edition/ Ubuntu 24.04.2.

- EX Class II Petrochemical Explosion-Proof
- 7.7V 4400mAh high-voltage lithium battery, removable
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (Optional single BeiDou positioning)
- 1D/2D scanning heads, UHF modules, ID cards, low-frequency, fingerprint, fingerprint enrolment, RTK high-precision positioning (customisable upon request)
- M.2 SSD x1, Type-C x1, Type-A x1, TF Card (supporting up to 2TB expansion) x1, SIM Card x1, POGO PIN x1, HDMI x1, standard 3.5mm headphone jack x1, DC x1, Ethernet port x1

Precise Positioning in One Step

Optional GPS, BeiDou, Galileo, GLONASS
Suitable for positioning applications such as monitoring drones and crops



High-Performance & Ultra-Durable Three-Proof Tablet



A10ST

MTK6771/8781 8core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db

Android 4G GPS WiFi/BT Thumbprint Camera NFC Memory Serial port 1D/2D



- 10.1-inch IPS display with 1280×800 / 1920×1200 resolution, high-brightness 700 cd/m² screen (customisable to 1000 cd/m²), 10-point touch G+G, compatible with medical rubber gloves.
- MTK6771, 8-core, 2.0GHz
MTK8781, 8-core, 2.2GHz
- Configuration: MTK6771/Standard Resolution High Brightness 4+64GB & High Resolution High Brightness 8+128GB
Configuration: MTK8781/High Resolution High Brightness 8+128GB/12+256GB
- Front camera: 8MP fixed focus (16MP available for bulk customisation)
Rear camera: 16MP autofocus + flash
- WiFi: WiFi 802.11 (a/b/g/n/ac)
Frequency: 2.4GHz + 5.8GHz Dual-band WiFi 5
Bluetooth: MTK6771: BT 4.2; MTK8781: BT 5.2
Transmission range: 10m
Network: 2G/3G/4G module
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- MTK6771/Android 10
MTK8781/Android 13
- 276.0*180.5*22.5mm/1130g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 3.8V 10000mAh high-voltage lithium battery, non-removable, battery life ≥10 hours, customisable high-capacity battery solutions available.
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (Optional single BeiDou positioning)
- 1D/2D scanning heads, UHF modules, ID cards, low-frequency, fingerprint, fingerprint enrolment, RTK high-precision positioning (customisable upon request)
- Type-C x1, Type-A x1, TF Card (supports up to 256GB expansion) x1, SIM Card x1, POGO PIN x1, standard 3.5mm headphone jack x1, DC x1, RS232 (serial port) x1, RJ45 port x1, HDMI x1 (MTK8781 does not include HDMI port)

A80ST

MTK6771/8781 8core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db

Android 4G GPS WiFi/BT Thumbprint Camera NFC Memory RJ45 1D/2D



- 8-inch IPS display with 1280×800 / 1920×1200 resolution, 700 cd/m² high brightness (customisable to 1000 cd/m²), 10-point touch G+G.
- MTK6771, 8-core, 2.0GHz
MTK8781, 8-core, 2.2GHz
- Configuration: MTK6771/Standard Resolution High Brightness 4+64GB & High Resolution High Brightness 8+128GB
Configuration: MTK8781/High Resolution High Brightness 8+128GB/12+256GB
- Front camera: 8MP fixed focus (16MP available for bulk customisation)
Rear camera: 16MP autofocus + flash
- WiFi: WiFi 802.11 (a/b/g/n/ac)
Frequency: 2.4GHz + 5.8GHz Dual-band WiFi 5
Bluetooth: MTK6771: BT 4.2; MTK8781: BT 5.2
Transmission range: 10m
Network: 2G/3G/4G module
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- MTK6771/Android 10
MTK8781/Android 13
- 227.0*142.0*22.5mm/753g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 3.8V 10000mAh high-voltage lithium battery, non-removable, battery life ≥10 hours, customisable high-capacity battery solutions available.
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (Optional single BeiDou positioning)
- 1D/2D scanning heads, UHF modules, ID cards, low-frequency, fingerprint, fingerprint enrolment, RTK high-precision positioning (customisable upon request)
- Type-C x1, Type-A x1, TF Card slot (supports up to 256GB expansion) x1, SIM Card slot x1, POGO PIN x1, standard 3.5mm headphone jack x1, DC power input x1, Ethernet port x1, HDMI port x1 (MTK8781 variant does not include HDMI port)

Explosion-Proof, Shock-Resistant & IP68 Three-Proof Tablet

Dustproof, waterproof, shockproof, explosion-proof
All-in-one protection



Ultra-Slim Industrial-Grade Three-Proof Tablet



A18ST **MTK6769/8781** **8core**

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical explosion-proof Double explosion-proof

Android 4G GPS WIFI/BT Thumbprint Camera NFC Memory 1D/2D



- 10.1-inch IPS display with 1280×800 / 1920×1200 resolution, high brightness 700 cd/m², customisable to 1000 cd/m², 10-point touch G+G
- MTK6769, 8-core, 2.0GHz
MTK8781, 8-core, 2.2GHz
Configuration: MTK6769/Standard resolution high brightness 4+64GB & High resolution high brightness 8+128GB
Configuration: MTK8781/High resolution high brightness 8+128GB & 12+256GB
- Front camera: 8MP fixed focus (16MP available for bulk customisation)
Rear camera: 16MP autofocus + flash
- WiFi: WIFI 802.11 (a/b/g/n/ac)
Frequency: 2.4GHz + 5.8GHz Dual-band WIFI 5
Bluetooth: MTK6769: BT 4.2; MTK8781: BT 5.2
Transmission range: 10m
Network: 2G/3G/4G module
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- MTK6769/Android 16
MTK8781/Android 13
- 253x172x20mm/859g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 3.8V 10000mAh high-voltage lithium battery, non-removable, battery life ≥10 hours
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D scanning heads, UHF modules, ID cards, fingerprint capture (customisable to requirements)
- Type-C x1, Type-A x1, TF Card slot (supports up to 256GB expansion) x1, SIM Card slot x1, POGO PIN x1, standard 3.5mm headphone jack x1, DC power input x1, HDMI x1 (MTK8781 variant does not include HDMI port)

A88ST **MTK6769/8781** **8core**

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical explosion-proof Double explosion-proof

Android 4G GPS WIFI/BT Thumbprint Camera NFC Memory 1D/2D



- 8-inch IPS display with 1280×800 / 1920×1200 resolution High-brightness screen at 700 cd/m², customisable to 1000 cd/m² 10-point touch capability Glass-on-glass construction
- MTK6769, 8-core, 2.0GHz
MTK8781, 8-core, 2.2GHz
Configuration: MTK6769/Standard resolution high brightness 4+64GB & High resolution high brightness 8+128GB; Configuration: MTK8781/High resolution high brightness 8+128GB & 12+256GB
- Front camera: 8MP fixed focus (16MP available for bulk customisation)
Rear camera: 16MP autofocus + flash
- WiFi: WIFI 802.11 (a/b/g/n/ac)
Frequency: 2.4GHz + 5.8GHz Dual-band WIFI 5
Bluetooth: MTK6769: BT 4.2; MTK8781: BT 5.2
Transmission range: 10m
Network: 2G/3G/4G module
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- MTK6769/Android 16
MTK8781/Android 13
- 220.0*150.0*15.0mm/668g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 3.8V 10000mAh high-voltage lithium battery, non-removable, battery life ≥10 hours
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D scanning heads, UHF modules, ID cards, fingerprint capture (customisable to requirements)
- Type-C x1, TF Card (supports up to 256GB expansion) x1, SIM Card x1, POGO PIN x1, DC x1, HDMI x1 (MTK8781 does not feature an HDMI port)

Two-Point Lashing Strap (Optional)



Two-Point Carrying Handle (Optional)



Four-Point Lashing Strap (Optional)



Crossbody bag (optional)



Two-Point Shoulder Strap (Optional)



Charging dock (optional)



Identity Security Verification Three-Proof Tablet



A80PT **MTK6769/8781** **8core** **Ex ib IIC T4 Gb Ex ib IIC T130°C Db** **Android** **4G** **GPS** **WiFi/BT** **Thumbprint** **Camera** **NFC** **Memory** **RJ45** **1D/2D**



- 8-inch IPS display with 1280×800 / 1920×1200 resolution High-brightness screen at 700 cd/m², customisable to 1000 cd/m² 10-point touch capability Glass-on-glass construction
- MTK6769, 8-core, 2.0GHz
MTK8781, 8-core, 2.2GHz
- Configuration: MTK6769/Standard resolution high brightness 4+64GB & High resolution high brightness 8+128GB; Configuration: MTK8781/High resolution high brightness 8+128GB & 12+256GB
- Front camera: 8MP fixed focus (16MP available for bulk customisation)
Rear camera: 16MP autofocus + flash
- WiFi: WIFI 802.11 (a/b/g/n/ac)
Frequency: 2.4GHz + 5.8GHz Dual-band WIFI 5
Bluetooth: MTK6769: BT 4.2; MTK8781: BT 5.2
Transmission range: 10m
Network: 2G/3G/4G module
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- MTK6769/Android 16
MTK8781/Android 13
- 258x150x22.5mm/749g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 3.8V 10000mAh high-voltage lithium battery, non-removable, battery life ≥10 hours
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D scanning heads, UHF modules, ID cards, fingerprint capture (customisable to requirements)
- Type-C x1, TF Card (supports up to 256GB expansion) x1, SIM Card x1, POGO PIN x1, DC x1, HDMI x1 (MTK8781 does not feature an HDMI port)



Electoral Identity Security Verification

The product is primarily employed for identity verification across diverse scenarios, including elderly care management and traffic enforcement (verifying driver credentials).

Two-Point Shoulder Strap (standard equipment)



Two-Point Carrying Handle (Optional)



Vehicle mount (optional)



Leather case (optional)



Two-Point Lashing Strap (Optional)



Four-Point Lashing Strap (Optional)



5G High-Performance Ultra-Fast Three-Proof Tablet



A10ST-5G

MTK6877 8score

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db

Android 5G GPS WIFI/BT Thumbprint Camera NFC Memory Serial port 1D/2D



- 10.1-inch IPS display 1280×800/1920×1200 resolution High-brightness screen: 700 cd/m², customisable to 1000 cd/m² in bulk orders 10-point touch capability Glass-on-glass construction with Corning Gorilla Glass 3 Hardness rating: 7H Compatible with medical rubber gloves (Customisable for wet-hand operation)
- MTK6877 (Tianji 900), 8 cores, 2x ARM Cortex-A78 (@2.4 GHz) + 6x ARM Cortex-A55 (@2.0 GHz)
- 8+128G
- Front Camera: 8MP fixed focus
Rear Camera: 16MP autofocus + flash
- WIFI: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.2 (BLE) Class 1
Transmission Range: 10m
Network: 2G/3G/4G/5G Modules
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Android 12 Optional Android 15
- 276.0*180.5*22.5mm/1049g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 3.8V 10000mAh high-voltage lithium battery, non-removable, battery life ≥ 10 hours
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D scanning heads, UHF modules, ID cards, fingerprint capture (customisable to requirements)
- Type-C USB 2.0 x1, Type-A USB 2.0 x1, TF Card (supports up to 1TB expansion) x1, SIM Card x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC x1, Ethernet port x1, RS232 (serial port)

A80ST-5G

MTK6877 8score

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db

Android 5G GPS WIFI/BT Thumbprint Camera NFC Memory RJ45 1D/2D



- 8-inch IPS display 1280×800/1920×1200 resolution High-brightness screen: 700 cd/m², customisable to 1000 cd/m² in bulk orders 10-point touch capability Glass-on-glass construction with Corning Gorilla Glass 3 Hardness rating: 7H Compatible with medical rubber gloves (Customisable for wet-hand operation)
- MTK6877 (Tianji 900), 8 cores, 2x ARM Cortex-A78 (@2.4 GHz) + 6x ARM Cortex-A55 (@2.0 GHz)
- 8+128G
- Front Camera: 8MP fixed focus
Rear Camera: 16MP autofocus + flash
- WIFI: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.2 (BLE) Class 1
Transmission Range: 10m
Network: 2G/3G/4G/5G Modules
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Android 12 Optional Android 15
- 227.0*142.0*22.5mm/766g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 3.8V 10000mAh high-voltage lithium battery, non-removable, battery life ≥ 10 hours
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D scanning heads, UHF modules, ID cards, fingerprint capture (customisable to requirements)
- Type-C USB 2.0 x1, Type-A USB 2.0 x1, TF Card (supports up to 1TB expansion) x1, SIM Card x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC x1, Ethernet port x1

Fire Emergency 5G Response

Dustproof, waterproof, shockproof, explosion-proof
Fire emergency 5G network response—every second counts



Sleek Design & Ultra-Long Battery Life Outdoor Tablet



CENAVA
Ultra-Rugged, More Secure Handheld Terminals

A109TB

MT6789V 8core

Android 4G GPS WiFi/BT Camera NFC Memory GPU



- 10.95-inch IPS display with 1920×1200 resolution and 700 cd/m² brightness (customizable up to 1000 cd/m²). 10-point touchscreen with Glass-on-Film (G+FF) technology and ≥7H hardness rating.
- MT6789V, 8-core, 2.2 GHz
- 8+128GB
- Front Camera: 8MP fixed focus
Rear Camera: 32MP autofocus + flash
- WiFi: WiFi 802.11 (a/b/g/n/ac)
Frequency: 2.4GHz + 5.8GHz Dual-band WiFi 5
Bluetooth: Bluetooth 5.0 (BLE) Class 1 Transmission Range: 10m
Network: 2G/3G/4G Module
- Drop Test: Complies with (GJB 150.18A/1A-2009), MIL-STD-810H, and other 1.22-meter drop tests
Operating Temperature: -20°C to 60°C (Customizable: -30°C to 60°C)
Storage Temperature: -30°C to 70°C (Customizable: -40°C to 70°C)
Environmental Humidity: 5%RH - 95%RH (non-condensing)

- Android 14
- Arm Mali G57 GPU
- 263.9*175.5*13.9mm/842g
- IP68 protection
- 3.8V 20000mAh high-voltage lithium battery, non-removable, 16-18 hours of battery life
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS
- TF card slot + SIM card slot combo—(dual SIM or TF card + SIM card), Type-C*1 with OTG support 12-pin*1 USB + charging

CENAVA
Ultra-Rugged, More Secure Handheld Terminals

A868T

MTK8788 8core

Android 4G GPS WiFi/BT Camera NFC Memory GPU



- 8.68-inch 800×1340 IPS display 500 cd/m², 10-point touch Hardness ≥6H
- MTK8788, 8-core, 2.0GHz 4xARM Cortex-A73 + 4xARM Cortex-A53@2.0GHz
- 8+128G
- Front 5.0MP + Rear 13MP
Bulk customization options: Front 2.0MP, Rear 5.0MP/8.0MP
- WiFi: WiFi 802.11 (a/b/g/n/ac)
Frequency: 2.4G + 5.0G Dual-band WiFi
Bluetooth: BT 4.2 BLE Transmission Range: 10m
Network: 2G/3G/4G Module
- Drop Test: Complies with (GJB 150.18A/1A-2009), MIL-STD-810H, and other 1.22-meter drop tests
Operating Temperature: -10°C to 50°C
Storage Temperature: -15°C to 55°C
Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Android 13
- ARM Mali-G72 MP3 GPU
- 219.0*134.0*11.5mm/496g
- IP68 protection
- Built-in 5800mAh pure cobalt battery, delivering 9-10 hours of battery life.
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS
- Dual-SIM or TF Card + SIM Card Slot Type-C Port (PD 9V 2A Fast Charging, Data Transfer, OTG)

Two-Point Lashing Strap (Optional)



Stylus (optional)



Car Mount (Optional)



Crossbody bag (optional)



Four-Point Lashing Strap (Optional)



Rotating Mount (Optional)



Large-Screen Industrial Portable Tablet



A305Z

unisoc P7885 8core

Ex ib II C T4 Gb-Ex ib IIIC T130°C Db Petrochemical explosion-proof Double explosion-proof

Android 5G(ODM) GPS WiFi/BT Thumbprint Camera NFC Memory Serial port 1D/2D



- 13.3-inch high-resolution LCD display IPS panel with 1920×1200 resolution Screen brightness: 500 cd/m², customizable up to 1000 cd/m² 10-point touchscreen with In-Cell technology Hardness ≥6H Optional anti-glare, waterproof, and glove-compatible touchscreen
- Unisoc P7885 Octa-core 2.7GHz
- Standard configuration: 8+128G/12+256G Supports up to 12GB RAM + 512GB storage
- Front: 24MP fixed focus
- Rear: 48MP autofocus with flash support
- Optional 20MP night vision/scanning module (choose one), Thermal imaging/fingerprint sensor (choose one)
- WiFi: WiFi 802.11(a/b/g/n/ac) WiFi5
- Bluetooth: Bluetooth 5.0 Transmission Range: 10m Network: 2G/3G/4G/5G Modules
- Protection Rating: IP65
- Drop Test: Complies with (GJB 150.18A/1A-2009), MIL-STD-810H, and other 1.2-meter drop tests
- Operating Temperature: -20°C to 50°C
- Storage Temperature: -30°C to 60°C
- Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Standard Android 16
- 336.80 * 224.80 * 23 mm (excluding corner guards ±1 mm)
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- 3.8V 20000mAh high-capacity, high-voltage lithium battery, removable, battery life ≥8 hours
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS
- 1D/2D Scanner, ID Card Reader, Tiantong Module, UHF Reader, Thermal Imaging Camera, Low-Light Night Vision Device, Fingerprint Reader (Customizable upon request)
- Type-C USB 3.0 Full-Function x1, Type-A USB 2.0 x3, TF Card (Supports up to 1TB Expansion) x1, SIM Card x1, POGO PIN x1, Standard 3.5mm Headphone Jack x1, DC x1, HDMI x1, DB9 connector x1, RJ45 Ethernet port x1, Reserved aviation connector x2, Integration Capability: Customizable functional interfaces, Supports integration of customer modules, Built-in reserved ports for multiple signals

W30U

1235U/1255U i5/i7

Ex ib II C T4 Gb-Ex ib IIIC T130°C Db Petrochemical explosion-proof Double explosion-proof

Win 5G(ODM) GPS WiFi/BT Memory Camera 1D/2D ID card UHF Thumbprint Serial port



- 13.3-inch IPS 1920×1080 high-brightness display (500 cd/m²), customizable to 1000 cd/m² 10-point touch G+FF, hardness ≥7H
- Intel 10-core 12-thread Core i5-1235U 1.3-4.4GHz Intel 10-core 12-thread Core i7-1255U 1.7-4.7GHz
- Standard: 16+256G, DDR/SSD pluggable, Supports up to 48GB of memory and a 2TB SSD
- Front Camera: 8.0MP fixed focus
- Rear Camera: 12.0MP autofocus with flash support
- WiFi: Built-in Wi-Fi 802.11 b/g/n/ax, Wi-Fi 6
- Bluetooth: Bluetooth 5.2 Range: 10m Network: 2G/3G/4G/5G Customizable
- Protection Rating: IP65
- Drop Test: Complies with (GJB 150.18A/1A-2009), MIL-STD-810H, and other 1.2-meter drop tests
- Operating Temperature: -20°C to 60°C (Customizable: -30°C to 60°C)
- Storage Temperature: -30°C to 70°C (Customizable: -40°C to 70°C)
- Ambient Humidity: 5%RH to 95%RH (Non-condensing)

- Standard Windows 11 Optional Windows 10, Ubuntu 22.04.6
- 336.80mm * 224.80mm * 23mm (excluding corner guards ±5) / 1761g
- EX Class II petrochemical explosion-proof, KA Class I mining safety explosion-proof, MA Class I coal mine safety explosion-proof (explosion-proof versions available)
- Dual-cell smart detachable battery: 3000mAh*2 per cell, 11.4V, operating time ≥5 hours (TBD value)
- GPS, BeiDou, Galileo, GLONASS, optional single BeiDou
- 1D/2D Scanner, UHF RFID, NFC, ID Card Reader, Fingerprint Capture, Enrollment Fingerprint (Customizable per requirement)
- Type-A USB 3.0*1, Type-A USB 2.0*1, DB9 connector (RS232 serial port) x1, 3.5mm headphone jack x1, TF Card (supports up to 256GB expansion), SIM Card x1, HDMI x1, DC power connector x1, Ethernet port x1, POGO Pin x1, Reserved aviation connector x2, Integration capability (customizable functional interfaces, motherboard with built-in reserved signals, etc.)

Robust Design, Easy to Carry

The product can be carried in three modes: standing, handheld, or shoulder-carried, allowing for seamless switching between them.



High-Performance, Robust Three-Proof Tablet



W10N N5100 4core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical coal safety Double explosion proof

Win 5G(ODM) GPS WiFi/BT Thumbprint Camera Memory Serial port 1D/2D ID card



- 10.1-inch IPS display with 1280×800 / 1920×1200 resolution, high-brightness screen at 700 cd/m², 10-point touch G+G, hardness ≥7H
- Intel JASPER LAKE N5100 Processor, 4 cores, 4 threads, 1.1GHz–2.8GHz
Configuration:
Standard Edition: 8GB RAM + 128GB storage
High-Res Edition: 8GB RAM + 128GB storage
High-Res Edition: 16GB RAM + 256GB storage
- Front Camera: 5MP fixed focus
Rear Camera: 8MP autofocus + flash
WiFi: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.0 (BLE) Class 1
Transmission Range: 10m
Network: 3G/4G/5G Customizable
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)
- Standard configuration: Windows 10 Optional configurations: Windows 11, Ubuntu 22.04.5
- 276.0*180.5*22.5mm/1178g
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- 7.6V 5550mAh high-voltage lithium battery, non-removable, battery life ≥7 hours
- GPS, GLONASS, optional BeiDou
- 1D/2D Scanner, UHF Module, ID Card Reader, Fingerprint Sensor, NFC, Low-Frequency Reader, RTK High-Precision Positioning (Customizable upon request)
- Type-C x1, Type-A x1, TF Card (supports up to 1TB expansion) x1, SIM Card x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC x1, HDMI x1, Ethernet port x1, DB9 connector (RS232) x1

W80N N5100 4core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical coal safety Double explosion proof

Win 5G(ODM) GPS WiFi/BT Thumbprint Camera Memory RJ45 1D/2D ID card



- 8-inch IPS display with 1280×800 / 1920×1200 resolution, high-brightness screen at 700 cd/m², 10-point touch G+G, hardness ≥7H
- Intel JASPER LAKE N5100 Processor, 4 cores, 4 threads, 1.1GHz–2.8GHz
Configuration:
Standard Edition: 8GB RAM + 128GB storage
High-Res Edition: 8GB RAM + 128GB storage
High-Res Edition: 16GB RAM + 256GB storage
- Front Camera: 5MP fixed focus
Rear Camera: 8MP autofocus + flash
WiFi: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.0 (BLE) Class 1
Transmission Range: 10m
Network: 3G/4G/5G Customizable
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)
- Standard configuration: Windows 10 Optional configurations: Windows 11, Ubuntu 22.04.5
- 227.0*142.0*22.5mm/834g
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- 7.6V 5550mAh high-voltage lithium battery, non-removable, battery life ≥7 hours
- GPS, GLONASS, optional BeiDou
- 1D/2D Scanner, UHF Module, ID Card Reader, Fingerprint Sensor, NFC, Low-Frequency Reader, RTK High-Precision Positioning (Customizable upon request)
- USB Type-C 3.0 x1, USB Type-A 3.0 x1, TF Card slot (supports up to 1TB expansion) x1, SIM Card slot x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC power input x1, HDMI x1, Ethernet port x1

Two-Point Shoulder Strap (Optional)



Two-Point Carrying Handle (Optional)



Car Mount (Optional)



Crossbody bag (optional)



Four-Point Lashing Strap (Optional)



Charging Dock (Optional)



Rugged Three-Proof Tablet with Removable Battery



W10NX N5100 4core

Double explosion-proof
Ex ib IIC T4 Gb-Ex ib IIC T130°C Db

Win 5G(ODM) GPS WiFi/BT Thumbprint Camera Memory Serial 1D/2D ID card port



- 10.1-inch IPS display with 1280×800 / 1920×1200 resolution, high-brightness screen at 700 cd/m², 10-point touch G+G, hardness ≥7H
- Intel JASPER LAKE N5100 Processor, 4 cores, 4 threads, 1.1GHz-2.8GHz
- Configuration:
Standard Edition: 8GB RAM + 128GB storage
High-Res Edition: 8GB RAM + 128GB storage
High-Res Edition: 16GB RAM + 256GB storage
- Front: 5MP fixed focus
Rear: 8MP autofocus
- WiFi: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.2 (BLE) Class 1
Transmission Range: 10m
Network: 3G/4G/5G Customizable
- Protection Rating: IP65
Drop Test: Complies with (GJB 150.18A/1A-2009), MIL-STD-810H, and other 1.22-meter drop tests
Operating Temperature: -10°C to 60°C
Storage Temperature: -20°C to 60°C
Ambient Humidity: 5%RH to 95%RH (non-condensing)
- Standard configuration: Windows 10 Optional configurations: Windows 11, Ubuntu 22.04.5
- EX Class II Petrochemical Explosion-Proof
- 7.7V 4400mAh high-voltage lithium battery, removable
- GPS, GLONASS (U-Blox M7), optional single BeiDou
- 1D/2D Scanner, UHF Module, ID Card Reader, Fingerprint Sensor, NFC High-Frequency/Low-Frequency, RTK High-Precision Positioning (Customizable per requirement)
- Type-C x1, Type-A x1, TF Card (supports up to 1TB expansion) x1, SIM Card x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC x1, HDMI x1, Ethernet port x1, DB9 connector (RS232) x1

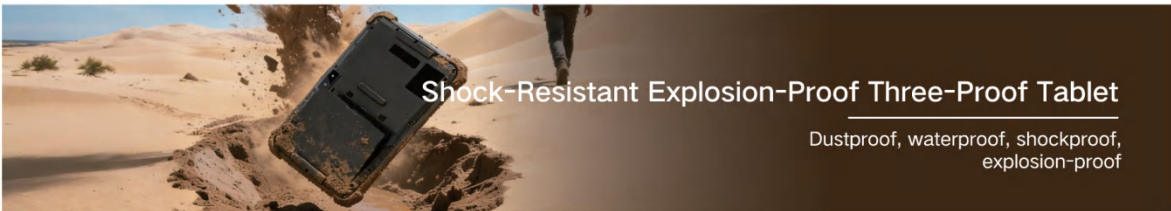
W80NX N5100 4core

Double explosion-proof
Ex ib IIC T4 Gb-Ex ib IIC T130°C Db

Win 5G(ODM) GPS WiFi/BT Thumbprint Camera Memory RJ45 1D/2D ID card



- 8-inch IPS display with 1280×800 / 1920×1200 resolution, high-brightness screen at 700 cd/m², 10-point touch G+G, hardness ≥7H
- Intel JASPER LAKE N5100 Processor, 4 cores, 4 threads, 1.1GHz-2.8GHz
- Configuration:
Standard Edition: 8GB RAM + 128GB storage
High-Res Edition: 8GB RAM + 128GB storage
High-Res Edition: 16GB RAM + 256GB storage
- Front: 5MP fixed focus
Rear: 8MP autofocus
- WiFi: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.2 (BLE) Class 1
Transmission Range: 10m
Network: 3G/4G/5G Customizable
- Protection Rating: IP65
Drop Test: Complies with (GJB 150.18A/1A-2009), MIL-STD-810H, and other 1.22-meter drop tests
Operating Temperature: -10°C to 60°C
Storage Temperature: -20°C to 60°C
Ambient Humidity: 5%RH to 95%RH (non-condensing)
- Standard configuration: Windows 10 Optional configurations: Windows 11, Ubuntu 22.04.5
- EX Class II Petrochemical Explosion-Proof
- 7.7V 4400mAh high-voltage lithium battery, removable
- GPS, GLONASS (U-Blox M7), optional single BeiDou
- 1D/2D Scanner, UHF Module, ID Card Reader, Fingerprint Sensor, NFC High-Frequency/Low-Frequency, RTK High-Precision Positioning (Customizable per requirement)
- USB Type-C 3.0 x1, USB Type-A 3.0 x1, TF Card slot (supports up to 1TB expansion) x1, SIM Card slot x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC power input x1, HDMI output x1, Ethernet port x1



Shock-Resistant Explosion-Proof Three-Proof Tablet

Dustproof, waterproof, shockproof, explosion-proof

Low-Power High-Performance Rugged Tablet



W10Y 10210Y/10510Y i5/i7

Ex ib II C T4 Gb-Ex ib IIIC T130°C Db Petrochemical coal safety Double explosion proof

Win Linux 5G(ODM) GPS WiFi/BT Memory Camera 1D/2D ID card UHF Thumbprint RJ45



- 10.1-inch IPS display with 1920×1200 resolution and 700 cd/m² brightness, 10-point touch G+G glass, hardness ≥7H
- Intel Core i7-10510Y 4Core 8-Thread 1.2GHz-4.5GHz Intel Core i5-10210Y 4Core 8-Thread 1.0GHz-4.0GHz
- i5-10210Y: 8G+128GB(M.2 SSD pluggable)
i7-10510Y: 16G+256GB(M.2 SSD pluggable)
- Front Camera: 5MP fixed focus
Rear Camera: 8MP autofocus + flash
- WiFi: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.0 (BLE) Class 1
Transmission Range: 10m
Network: 3G/4G/5G Customizable
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Standard configuration: Windows 11 Optional: Windows 10, Ubuntu 20.04.6/22.04.5, Debian 12.10.0, Galaxy Kirin v10-2503
- 276.0*180.5*22.5mm/1214g
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- 7.6V 5550mAh high-voltage lithium battery, non-removable, ≥5 hours of battery life, customizable large-capacity battery solutions available.
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D Scanner, UHF Module, ID Card Reader, Fingerprint Sensor, NFC, Low-Frequency Reader, RTK High-Precision Positioning (Customizable per requirement)
- USB Type-C x1, USB Type-A x1, TF Card slot (supports up to 256GB expansion) x1, SIM Card slot x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC power input x1, HDMI port x1, Ethernet port x1, DB9 connector (RS232) x1

W80Y 10210Y/10510Y i5/i7

Ex ib II C T4 Gb-Ex ib IIIC T130°C Db Petrochemical coal safety Double explosion proof

Win Linux 5G(ODM) GPS WiFi/BT Memory Camera 1D/2D ID card UHF Thumbprint RJ45



- 8-inch IPS display with 1920×1200 resolution and 700 cd/m² brightness, 10-point touch G+G glass, hardness ≥7H
- Intel Core i5-10210Y 4Core 8-Thread 1.0GHz-4.0GHz Intel Core i7-10510Y 4Core 8-Thread 1.2GHz-4.5GHz
- i5-10210Y: 8G+128GB(M.2 SSD pluggable)
i7-10510Y: 16G+256GB(M.2 SSD pluggable)
- Front Camera: 5MP fixed focus
Rear Camera: 8MP autofocus + flash
- WiFi: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.0 (BLE) Class 1
Transmission Range: 10m
Network: 3G/4G/5G Customizable
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Standard configuration: Windows 11 Optional: Windows 10, Ubuntu 20.04.6/22.04.5, Debian 12.10.0, Galaxy Kirin v10-2503
- 227.0*142.0*22.5mm/894g
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- 7.6V 5550mAh high-voltage lithium battery, non-removable, ≥5 hours of battery life, customizable large-capacity battery solutions available.
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D Scanner, UHF Module, ID Card Reader, Fingerprint Sensor, NFC, Low-Frequency Reader, RTK High-Precision Positioning (Customizable per requirement)
- Type-C x1, Type-A x1, TF Card slot (supports up to 256GB expansion) x1, SIM Card slot x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC power input x1, HDMI port x1, Ethernet port x1

Two-Point Shoulder Strap (Optional)



Two-Point Carrying Handle (Optional)



Car Mount (Optional)



Crossbody bag (optional)



Four-Point Lashing Strap (Optional)



Charging Dock (Optional)



Industrial-Grade Ultra-Slim Low-Power PC



W18Y 10210Y/10510Y i5/i7

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical coal safety Double explosion-proof

Win Linux 5G(ODM) GPS WiFi/BT Memory Camera 1D/2D ID card UHF Thumbprint



- 10.1-inch IPS display with 1920×1200 resolution and 700 cd/m² brightness, 10-point touch G+G glass, hardness ≥7H
- Intel Core i7-10510Y 4Core 8-Thread 1.2GHz-4.5GHz
Intel Core i5-10210Y 4Core 8-Thread 1.0GHz-4.0GHz
- i5-10210Y: 8G+128GB(M.2 SSD pluggable)
i7-10510Y: 16G+256GB(M.2 SSD pluggable)
- Front Camera: 5MP fixed focus
Rear Camera: 8MP autofocus + flash
- WiFi: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-Band Wi-Fi 6
Bluetooth: Bluetooth 5.2 (BLE) Class 1
Transmission Range: 10m
Network: 3G/4G/5G Customizable
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Standard configuration: Windows 11 Optional: Windows 10, Ubuntu 20.04.6/22.04.5, Debian 12.10.0, Galaxy Kirin v10-2503
- 253.0*172.0*20.0mm/1053g
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- 7.6V 5550mAh high-voltage lithium battery, non-removable, battery life ≥5 hours
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D scan heads, UHF modules, ID cards, NFC (customizable upon request)
- USB Type-C x1, USB Type-A x1, TF Card slot (supports up to 256GB expansion) x1, SIM Card slot x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC power input x1, HDMI output x1,

W10N PRO N100 4core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical coal safety Double explosion-proof

Win 5G(ODM) GPS WiFi/BT Thumbprint Camera Memory Serial port 1D/2D ID card

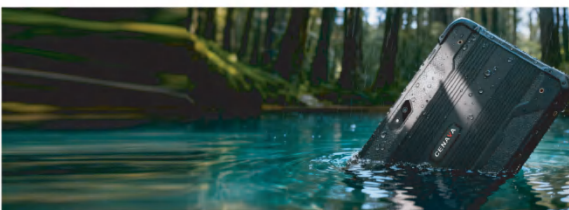


- 10.1-inch IPS display with 1920×1200 resolution and 700 cd/m² brightness, 10-point touch G+G glass, hardness ≥7H
- Intel® Alder Lake-N N100 Quad-Core 4-Thread, 0.8GHz-3.4GHz
- 8G/16G+128GB/256G/512G(M.2 SSD pluggable)
- Front Camera: 5MP fixed focus
Rear Camera: 13MP autofocus + flash
- WiFi: Wi-Fi 802.11 (a/b/g/n/ac/ax)
Frequency: 2.4GHz + 5.8GHz Dual-band Wi-Fi 6
Bluetooth: Bluetooth 5.2 Range: 10m
Network: 3G/4G/5G Custom Modules
- Protection Rating: IP68
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Standard configuration: Windows 11 Optional: Windows 10
- 276.0*180.5*22.5mm/1185g
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- 7.6V 5550mAh high-voltage lithium battery, non-removable, ≥7 hours of battery life, customizable high-capacity battery solutions available.
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D Scanner, UHF Module, ID Card Reader, Fingerprint Scanner, NFC, Low-Frequency Reader, RTK High-Precision Positioning (Customizable per requirement)
- Type-C x1, Type-A x1, TF Card (supports up to 256GB expansion) x1, SIM Card x1, POGO PIN x1, Standard 3.5mm headphone jack x1, DC x1, HDMI x1, Ethernet port x1, DB9 connector (RS232) x1

IP68 Ruggedized Tablet

Dustproof, waterproof, shockproof, explosion-proof



Ultra-Edge Computing Industrial Tablet



A1095Z unisoc P7885 8core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical coal safety Double explosion-proof

Android 5G(ODM) GPS WiFi/BT Thumbprint Camera NFC Memory Serial port 1D/2D



- 10.95-inch IPS display with 1920×1200 resolution, 550 cd/m² brightness, 10-point touch, In-Cell technology, hardness ≥6H
- Unisoc P7885 8-core 2.7GHz
- Standard 8+128G/12+256G, Maximum support 12G+512G
- Front: 24MP fixed focus
Rear: 48MP autofocus with flash support
Optiona: 1
20MP night vision/scanning module (choose one), Thermal imaging/fingerprint sensor (choose one)
- WiFi: WIFI 802.11(a/b/g/n/ac) WIFI5
Bluetooth: Bluetooth 5.0 Transmission Range: 10m
Network: 2G/3G/4G/5G Modules
- Protection Rating: IP67
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Standard Android 16
- 300.5*204.1*23.3mm/1500g
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- 3.8V 18000mAh high-capacity, high-voltage lithium battery, removable, battery life ≥8 hours
- Supports 13.56 MHz protocols including 14443A, 14443B, and 15693
- GPS, BeiDou, Galileo, GLONASS
- 1D/2D Scanner, ID Card Reader, Tiantong Module, UHF Reader, Thermal Imaging, Low-Light Night Vision, Fingerprint Reader (Customizable upon request)
- Type-C USB 3.0 Full-Function x1, Type-A USB 2.0 x2, TF Card (Supports up to 1TB Expansion) x1, SIM Card x1, POGO PIN x1, Standard 3.5mm Headphone Jack x1, DC x1, HDMI x1, DB9 Connector x1, Ethernet Port x1, Lock Slot x1, Stylus x1, Reserved aviation connector x2, Integration capability: Customizable for multiple functional interfaces.

W109U 1235U/1255U i5/i7

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical coal safety Double explosion-proof

Win Linux 5G(ODM) GPS WiFi/BT Memory Camera 1D/2D ID card UHF GPU

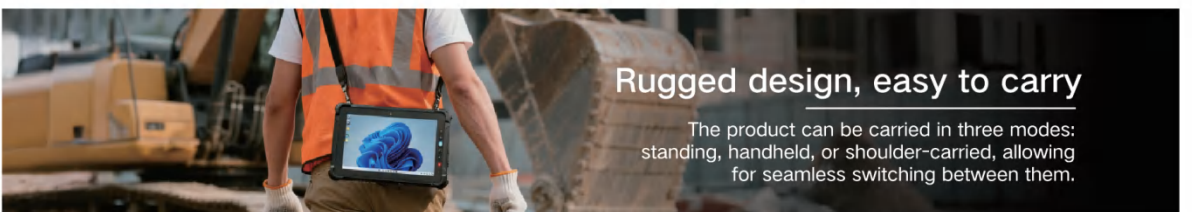


- 10.95-inch IPS 1920×1200 display; screen brightness 550 cd/m², optional 10.1-inch 1000 cd/m² or 2000 cd/m² models, 10-point touch, G+FF, hardness ≥7H
- Intel 10-core 12-thread Core i5-1235U 1.3-4.4GHz
Intel 10-core 12-thread Core i7-1255U 1.7-4.7GHz
- Standard i5-16GB+256GB/i7-32GB+512GB (DDR/SSD hot-swappable) Supports up to 48GB RAM and 2TB SSD
- Front Camera: 8.0MP fixed focus
Rear Camera: 12.0MP autofocus with flash support
- WiFi: WIFI 802.11 (a/b/g/n/ac/ax) WIFI 6
Bluetooth: Bluetooth 5.2 Transmission Range: 10m
Network: 2G/3G/4G/5G Custom Modules
- Protection Rating: IP67
Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests
Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Standard Windows 11, optional Windows 10, Ubuntu 22.04.6
- 300.5 *204.1 *23.3 mm / 1611 g (1785 g with handle)
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- Main Battery: 11.4V 8300mAh high-voltage lithium battery, removable, battery life ≥8 hours
Secondary Battery: 11.4V 300mAh high-voltage lithium battery, non-removable, runtime ≥15 minutes
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- 1D/2D Scanner, NFC High-Frequency, Fingerprint Capture, Fingerprint Login (Customizable per requirement)
- Type-C USB 3.0*1, Type-A USB 3.0*1, Type-A USB 2.0*1, DB9 connector (RS232 serial port)*1, 3.5mm headphone jack*1, TF Card slot (supports up to 256GB expansion), SIM Card slot*1, HDMI*1, DC power port*1, Ethernet port*1, POGO Pin*1, Lock slot*1, Stylus pen*1, Reserved aviation connector ports*2, Customizable multi-function ports available

Rugged design, easy to carry

The product can be carried in three modes: standing, handheld, or shoulder-carried, allowing for seamless switching between them.



Large-Screen Computing Industrial Tablet



W30U Pro / U5-125/U7-155 12core

Ex ib IIC T4 Gb-Ex ib IIC T130°C Db Petrochemical coal safety Double explosion proof

5G Win 5G(ODM) GPS WIFI/BT Memory Camera 1D/2D ID card UHF Fingerprint

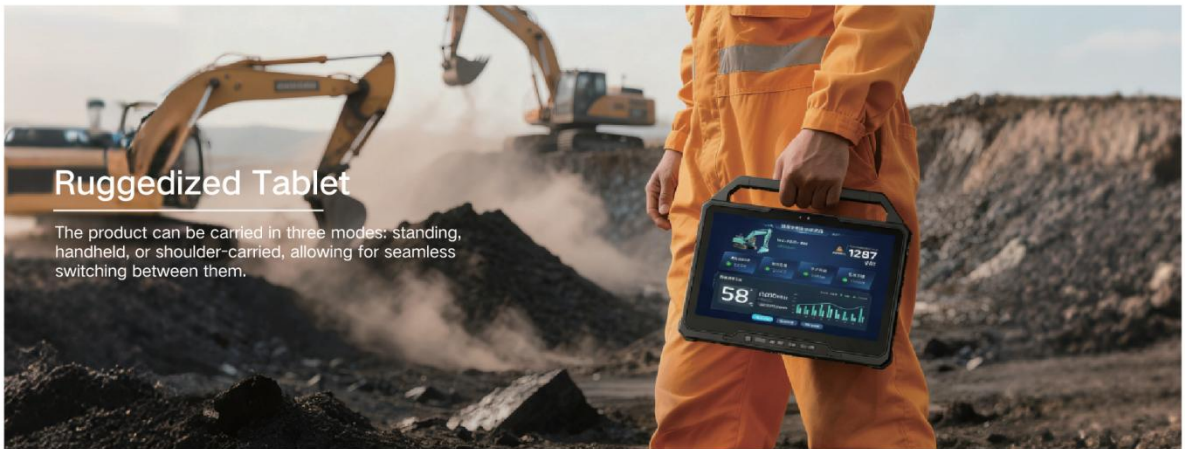


- 13.3-inch high-resolution LCD display IPS 1920×1080 resolution 500 cd/m² brightness, customizable to 1000 cd/m² 10-point touch G+FF (Glass-on-Film) Hardness ≥7H
- Intel Core Ultra 5 125U 12-core 14-thread 1.3GHz-4.3GHz (Optional Intel Core Ultra 7 155U 12-core 14-thread 1.7GHz-4.8GHz)
- Standard 16GB RAM + 256GB SSD, DDR/SSD hot-swappable, supports up to 48GB RAM and 2TB SSD
- Front Camera: 8.0MP fixed focus Rear Camera: 12.0MP autofocus with flash support
- WiFi: Built-in Wi-Fi 802.11 b/g/n/ax, Wi-Fi 6 Bluetooth: Bluetooth 5.2 Range: 10m Network: 2G/3G/4G/5G Customizable
- Protection Rating: IP65 Drop Test: Compliant with (GJB 150.18A/1A-2009), MIL-STD-810H and other 1.22-metre drop tests Operating Temperature: -20°C to 60°C (customisable to -30°C to 60°C). Storage Temperature: -30°C to 70°C (customisable to -40°C to 70°C). Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Standard configuration: Windows 11 Pro Optional: Ubuntu 22.04.6
- 336.80mm*224.80mm*23mm (Without corner guards ±5) /1761g
- EX Class II Petrochemical Explosion-Proof, KA Class I Mining Safety Explosion-Proof, MA Class I Coal Mine Safety Explosion-Proof (Explosion-Proof Version Optional)
- Dual-cell smart detachable battery: 3000mAh*2 per cell, 11.4V, operating time ≥5 hours (TBD value)
- GPS, BeiDou, Galileo, GLONASS, optional single BeiDou
- 1D/2D Scanner, UHF RFID, NFC, ID Card Reader, Fingerprint Capture, Login Fingerprint (Customizable per requirement)
- Type-A USB 3.0*1, Type-A USB 2.0*1, DB9 connector (RS232 serial port)*1, 3.5mm standard headphone jack*1, TF Card (supports up to 1TB expansion), SIM Card*1, HDMI*1, DC power connector*1, Ethernet port*1, POGO Pin*1, 2 reserved aviation connectors, customizable functional interfaces available

Ruggedized Tablet

The product can be carried in three modes: standing, handheld, or shoulder-carried, allowing for seamless switching between them.



Battery Charging Dock (Optional)



Additional Battery (Optional)



Car Mount (Optional)



180 ° Rotating Mount (Optional)



Removable handle (standard)



Stylus (optional)



Industrial Fully Ruggedized Laptop



CXS10-F D2000 8core

Windows Kylin CPU 4G GPS WIFI/BT camera Memory 1D/2D GPU

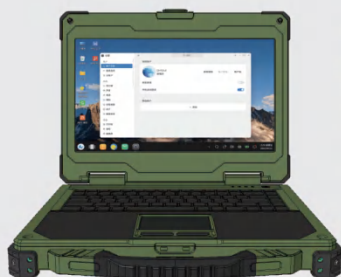


- 10.1-inch IPS display with 1920×1200 resolution, 450 cd/m² brightness (1000 cd/m² available for bulk customization), capacitive touchscreen, multi-touch capacitive touchscreen, anti-glare and water-resistant, supports capacitive stylus.
- Feiteng Tengrui D2000 Octa-core Clock Speed 2.0GHz
- Domestic Feiteng X100 Graphics Card 4G
- 8GB DDR4 laptop memory module, expandable up to 64GB, 512GB M.2 2280 SSD, expandable up to 2TB
- Optional: Front/Rear 5.0MP Front/Rear 13MP
- WiFi: Customizable option, WiFi 6 IEEE 802.11 b/g/n/ac/ax
- Bluetooth: Supports BT 5.0
- Network: 4G module (customizable feature)
- Protection Rating: IP65
- Drop Test: Drop specification 1.0 meter onto wooden flooring
- Operating Temperature: -20°C to +55°C (Customizable for ultra-low temperatures down to -40°C)
- Storage Temperature: -45°C to +65°C
- Ambient Humidity: 5%RH to 95%RH (non-condensing)

- Kylin System (Standard Edition)/Optional Galaxy Kylin (Defense Edition)
- bare dimensions: 295x195x30mm /2100g
- Environmental Specifications: Humidity/Vibration/Shock: Compliant with GJB367A-2001/GJB150A-2009
- Salt Spray/Mold Resistance: Compliant with GJB367A-2001/GJB150A-2009 (Customized)
- Electromagnetic Compatibility: Compliant with GJB151B-2013 (Customized)
- 11.1V 8400mAh polymer battery
- GPS, BeiDou, Galileo, GLONASS (optional BeiDou positioning only)
- Custom fingerprint recognition, 2D scanner, multiple network ports and serial ports, external antenna, aviation connectors, etc.
- USB 3.0 ports x2, Ethernet port x1 (10/100/1000M), HDMI x1, DC power port x1, Headphone/Microphone combo jack x1, SIM card slot x1, Custom 9-24V wide-voltage power input, Reserved SMA port x1 (for external WiFi/Bluetooth/4G/GPS antenna) Aviation connector (optional) x1 COM port (selectable RS232/485/422 mode)

CXD14/156/173 1-screen 11390H/13900T/D2000 i7/i9/Feiteng

CPU Windows Linux 4G GPS GPU camera



- 14 "/15.6" /17.3" anti-glare 1920×1080 display, Brightness 500 cd/m² (14 "/15.6" models available with 1000 cd/m² brightness)
- i7-11390H / i9-13900T (15.6" /17.3") /Domestic Feiteng D2000 2.3GHz 8core
- Windows 11/10/Linux/Galaxy Kirin V10
- Standard: 8GB RAM + 512GB SSD
- Optional: Laptop DDR4 RAM: 64GB M.2 2280 SSD (SATA): 4TB
- Optional NVMe SSD
- Front: 5.0MP Rear: 13MP (Custom)
- Wi-Fi: 802.11 (a/b/g/n/ac), 2.4GHz + 5.8GHz
- Dual-band Wi-Fi 5, Bluetooth: Supported
- Wireless Capabilities: GPS/4G Module (Customizable)
- Operating Temperature: -20°C to 55°C (Customizable wide temperature range: -40°C to 55°C)
- Storage Temperature: -30°C to 70°C
- Protection Rating: IP65
- Complies with relevant National Military Standards requirements

- 14-inch: 355*264*50mm Weight ≤4.7kg
- 15.6-inch: 385*265*50mm Weight ≤5.5kg
- 17.3-inch: 421*287*50mm Weight ≤6.5kg
- MXM Dedicated Graphics Card with 4GB VRAM (Custom)
- GeForce RTX 3050 Dedicated Graphics Card with 8GB VRAM (15.6"/17.3" Custom)
- GeForce RTX 3080 Dedicated Graphics Card with 16GB VRAM (15.6"/17.3" Custom)
- 11.1V 11200mAh (14"/15.6")
- 14.4V 12000mAh (17.3")
- Aluminum alloy shell + silicone protective corners
- Environmental Specifications: Humidity/Vibration/Shock: Compliant with GJB367A-2001/GJB150A-2009
- Salt Spray/Mold Resistance: Compliant with GJB367A-2001/GJB150A-2009 (Customized)
- Electromagnetic Compatibility: Compliant with GJB151B-2013 (Customized)
- Interfaces: USB 3.0 x2, USB 2.0 x1, RJ45 (Gigabit) x2, COM (selectable between 232/422/485) x1, Headphone/Microphone combo jack x1, Micro HDMI x1, DC-in 19V (aviation connector) x1, and various other interfaces available upon customer request.

Fully Rugged Industrial Laptop

Supports domestic Feiteng D2000/Intel 6th-11th Gen processors



Dual-Screen / Triple-Screen Rugged Laptop



CXD14/156/173 2-screen

11390H/13900T/D2000 i7/i9/Feiteng



- 14 "/15.6" /17.3 " Dual-Screen Anti-Glare Protective Display IPS 1920x1080 Resolution 500 cd/m² Brightness (15.6" Customizable to 1000 cd/m²)
- i7-11390H 4 cores, 8 threads, 3.4-5.0GHz
- i9-13900T 24 cores, 32 threads, 1.1-5.3GHz
- Domestic Feiteng D2000 Base frequency 2.3GHz, 8 cores
- Windows 11/10/Linux/Galax Kirin V10
- Standard: 8GB RAM + 512GB SSD
- Optional: DDR4: 64GB (i7-11390H) / DDR5: 128GB (i9-13900T)
- M.2: 4TB (i7-11390H) / M.2: 8TB (i9-13900T)
- Optional NVMe protocol SSD
- Front: 5.0MP Rear: 13MP (Custom)
- Wi-Fi: 802.11 (a/b/g/n/ac), 2.4GHz + 5.8GHz
- dual-band Wi-Fi Bluetooth: Supported
- Wireless Capabilities: GPS/4G Module (Customizable)
- Operating Temperature: -20°C to 55°C (Customizable wide temperature range: -40°C to 55°C)
- Storage Temperature: -30°C to 70°C
- Protection Rating: IP65
- Complies with relevant National Military Standards requirements

- 14-inch: 388*288*60mm Weight ≤8.2kg
- 15.6-inch: 396*313*74mm Weight ≤9.0kg
- 17.3-inch: 430*290*62mm Weight ≤10kg
- MXM Dedicated Graphics Card with 4GB VRAM (Custom)
- GeForce RTX 3050 Dedicated Graphics Card with 8GB VRAM (Custom)
- GeForce RTX 3080 Dedicated Graphics Card with 16GB VRAM (Custom)
- 14.4V 12000mAh, 5 parallel and 3 series high-capacity polymer battery
- Aluminum alloy shell + silicone protective corners
- Environmental Specifications:
- Humidity/Vibration/Shock: Compliant with GJB367A-2001/GJB150A-2009
- Salt Spray/Mold Resistance: Compliant with GJB367A-2001/GJB150A-2009 (Customized)
- Electromagnetic Compatibility: Compliant with GJB151B-2013 (Customized)
- Interfaces: USB 3.0 x3, USB 2.0 x1, RJ45 x2, HDMI x1, COM (selectable between 232/422/485) x1, Headphone/Microphone combo jack x1, USB Type-C x1, F-type connector x1, DC-in 19V (aviation connector) x1, and various other interfaces available upon customer request.

CXD 156 3-screen

11390H/13900T/D2000 i7/i9/Feiteng



- 15.6" Triple-Screen Anti-Glare IPS Display, 1920x1080 Resolution, 500 cd/m² Brightness (Customizable to 1000 cd/m²)
- i7-11390H 4 cores, 8 threads, 3.4-5.0GHz
- i9-13900T 24 cores, 32 threads, 1.1-5.3GHz
- Domestic Feiteng D2000 Base frequency 2.3GHz, 8 cores
- Windows 11/10/Linux/Galax Kirin V10
- Standard: 8GB RAM + 512GB SSD
- Optional: DDR4: 64GB (i7-11390H) / DDR5: 128GB (i9-13900T)
- M.2: 4TB (i7-11390H) / M.2: 8TB (i9-13900T)
- Optional NVMe protocol SSD
- Front: 5.0MP Rear: 13MP (Custom)
- Wi-Fi: 802.11 (a/b/g/n/ac), 2.4GHz + 5.8GHz
- dual-band Wi-Fi Bluetooth: Supported
- Wireless Capabilities: GPS/4G module (customizable)
- Operating Temperature: -20°C to 55°C (Customizable wide temperature range: -40°C to 55°C)
- Storage Temperature: -30°C to 70°C
- Protection Rating: IP65
- Complies with relevant National Military Standards requirements

- 400×295×82mm /12.5kg
- MXM Dedicated Graphics Card with 4GB VRAM (Custom)
- GeForce RTX 3050 Dedicated Graphics Card with 8GB VRAM (Custom)
- 11.1V 14500mAh (i7-11390H)
- 14.4V 12000mAh (i9-13900T)
- 5-in-3 series high-capacity polymer battery
- Aluminum alloy shell + silicone protective corners
- Environmental Specifications:
- Humidity/Vibration/Shock: Compliant with GJB367A-2001/GJB150A-2009
- Salt Spray/Mold Resistance: Compliant with GJB367A-2001/GJB150A-2009 (Customized)
- Electromagnetic Compatibility: Compliant with GJB151B-2013 (Customized)
- Interfaces: USB 3.0 x2, USB 2.0 x1, RJ45 (Gigabit) x2, COM (selectable between 232/422/485) x1, Headphone/Microphone combo jack x1, Micro HDMI x1, DC-in 19V (aviation connector) x1, and various other interfaces available upon customer request.



Engineered for demanding tasks

Can be applied to drone logistics transportation, forest firefighting, agricultural plant protection, real-time stock trend tracking, and more.

Industrial Control All-in-One Mini PC



W14 Pro 125U 12core

Windows 5G (ODM) GPS WiFi/BT camera Memory GPU Interface ID card Keyboard RJ45 Serial port



- 14-inch display with 1920×1080 resolution, 550 cd/m², customizable up to 1000 cd/m², customizable triple-screen display, 10-point touch G+FF, hardness ≥7H
- Intel Core Ultra 5 125U 12-core 14-thread 1.3GHz-4.3GHz
Optional Intel Core Ultra 7 155U 12-core 14-thread 1.7GHz-4.8GHz
- Standard configuration: Windows 11 Pro, Ubuntu 22.04.5, Galax Kirin
- Standard 16+256GB configuration, dual DDR/SSD slots with hot-swap capability, supporting up to 96GB memory and 4TB SSD, compatible with SATA/PCIe-4 SSDs.
- WiFi: Built-in Wi-Fi 802.11 b/g/n/ax, Wi-Fi 6 Bluetooth: BT 5.2 Transmission range: 10m
Wireless capabilities: GPS, BeiDou, Galileo, GLONASS; 2G/3G/4G/5G (customizable)
- Protection Rating: IP65
Drop Height: 120cm (Engineered Wood Flooring, Power Off); Operating Temperature: -20°C to 60°C (Customizable: -30°C to 60°C); Storage Temperature: -30°C to 70°C (Customizable: -40°C to 70°C)
Ambient Humidity: 5%RH to 95%RH (Non-condensing)
- Front Camera: 5MP autofocus (optional 12MP), with privacy switch
- 358.50mm*293mm*41mm (Corner Protector 9MM)
- Optional MXM Graphics Dedicated Graphics Card (Power Consumption ≤35W)
- Dual-cell intelligent detachable battery: Primary cell: 5100mAh, 15.2V Secondary cell: 2100mAh, 15.2V
Operating time: ≥5 hours (TBD value)
- Data Collection: NFC, ID Card, UHF, Fingerprint (Customizable upon request)
- Built-in 86-key keyboard with backlight support; touchpad supports pinch-to-zoom gestures. Keys: Power button, P1, P2, P3 customizable function keys.
- Type-A USB 3.0 (Mainboard)*3, Type-A USB 3.0 (Subboard)*2, 3.5mm Standard Headphone Jack*1, TF Card (Supports up to 1TB Expansion), SIM Card*1, HDMI*1, DC Power Port*1, RJ45 Ethernet Port, DB9 Port, Type-C Port*1, SPI Port, Expansion Features: SATA SSD (Choose one with secondary battery); and various other interfaces available upon customer request.

H55N (Celeron) N5095 4core

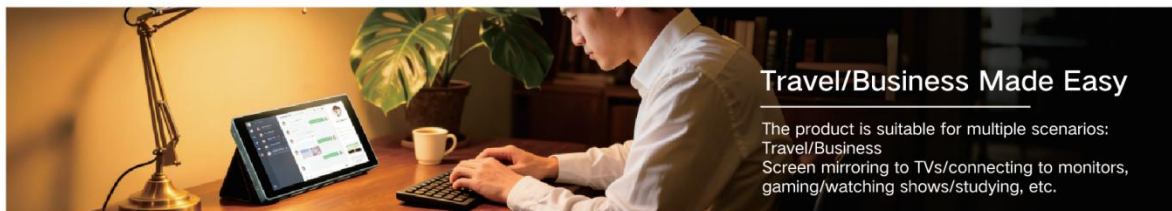
Windows 4G WiFi/BT camera Memory GPU RJ45 Serial port



- 5.5-inch 1280×700 IPS display G+F capacitive touchscreen COF (Chip-On-Film) 5-point touch 3-axis rotation
- Intel Celeron N5095 4-core 4-thread 2.0-2.90GHz
- Windows 11/Windows 10 optional
- RAM: 8GB (DDR4)
ROM: 128GB/256GB/512GB/1TB (M.2 2242 SSD, removable)
- Black, available for bulk customization White
- WiFi: Realtek RTL8821CE supporting 802.11a/g/n/ac
Dual-band 2.4GHz+5GHz Wi-Fi
Bluetooth: 4.2/5.0
Wireless Capabilities: GPS/4G module (customizable)
- 4G Network: Built-in 4G module (optional)
- 146*84*22mm/280g
- Intel® UHD Graphics
- 7.7V/1800mAh Lithium Polymer Battery
Battery Life: 2-2.5 hours
- 7Ω 1W speaker*1 Built-in microphone, sensitivity -38dB
- Metal base + plastic frame
- Interfaces: USB 3.0 x4, Full-function Type-C x1
Type-C charging x1, Ethernet RJ45 x1
Audio output and microphone input x1, HDMI x1

Travel/Business Made Easy

The product is suitable for multiple scenarios:
Travel/Business
Screen mirroring to TVs/connecting to monitors,
gaming/watching shows/studying, etc.



Industrial Box-Type Tablet PC

H10 Pro **N100** **4core**

Windows 4G WiFi/BT CPU Memory Serial port RJ45



- 10.1-inch IPS display with 1920×1200 resolution, supporting 10-point touchscreen
- Intel Alder Lake N100 4 cores, 4 threads 0.8GHz-3.40GHz
- Windows 11/Windows 10 optional
- RAM:8GB/16GB (DDR4 Removable)
- ROM:128G/256G/512G/1TB (SSD M.2 2280 Removable)
- Black, available for bulk customization White
- Wi-Fi: Dual-band 2.4GHz + 5GHz Wi-Fi IEEE 802.11 a/b/g/n/ax (AX101 Wi-Fi 6)
- Bluetooth: BT5.2
- 4G Network: Built-in 4G module (optional)

- 249*162*68mm/1045g
- Intel® UHD Graphics
- 4Ω 3W large speaker x2 Built-in microphone, sensitivity -38dB
- Button battery: RTC: CR2032 7.4V/5000mAh polymer lithium battery, 5-6 hours runtime
- Button battery: RTC: CR2032
- External WiFi Signal Booster Antenna
- USB 3.0 *4, Ethernet RJ45 *1, DC-12V *1, TF & SIM dual-slot card reader *1, Audio output and microphone input *1, HDMI *1, RS232 serial port *1

H10F **N100** **4core**

Windows 4G WiFi/BT camera Memory GPU RJ45 2D Serial port



- 10.1-inch IPS display with 1920×1200 resolution, supporting 10-point touchscreen
- Intel Alder Lake N100 4 cores, 4 threads 0.8GHz-3.40GHz
- Windows 11/Windows 10 optional
- RAM:8GB/16GB (DDR4 Removable)
- ROM:128G/256G/512G/1TB (SSD M.2 2280 Removable)
- Black, available for bulk customization White
- Wi-Fi: Dual-band 2.4GHz + 5GHz Wi-Fi IEEE 802.11 a/b/g/n/ax (AX101 Wi-Fi 6)
- Bluetooth: BT5.2
- 4G Network: Built-in 4G module (optional)

- 243*166*32mm /990g
- Intel® UHD Graphics
- 4Ω 2.5W speaker x2 Built-in microphone, sensitivity -38dB
- Button battery: RTC: CR2032 7.4V/5000mAh polymer lithium battery, 5-6 hours runtime
- Button battery: RTC: CR2032
- QR Code Scanner (Custom Feature)
- USB 3.0 *4, Ethernet RJ45 *1, DC-12V *1, TF & SIM dual-slot card reader *1, Audio output and microphone input *1, HDMI *1, RS232 serial port *1

Industrial All-in-One Terminal

Available in 7/8/9/10-inch sizes, with multiple connectivity options and customization support.



Ten-layer explosion-proof. Mine Intrinsically Safe Tablet PC

MA Ex KA Certificate, Triple Certification



CENAVA intrinsically Safe Explosion Proof Tablet Pc has adopted the "ten-layer explosion proof technology" standard from various dimensions such as motherboard, battery, body structure and material selection since the beginning of design and development, so that it can be used in flammable and explosive gas, dust, gas and other environments, but still be able to provide a stable and safe communication service.



400-9611-960

Address: 4th Floor, Building 4, Fuan Intelligent Manufacturing Industrial Park, Bao'an District, Shenzhen

Website: www.cenava.cn

Email: tom@cenava.cn



Official WeChat Account



WeChat Video Account



Official TikTok Account