



TERICH015

# PLUS C91

Mobile computer



PLUS C91 is our new portable, lightweight terminal with extremely powerful performance. Built with Android 10 operating system and high-performance octa-core processor features a rich configuration system, like the exceptional barcode reader, WiFi, NFC, front and rear camera, making it the best for value for money in its category. All this makes the PLUS C91 perfect for implementation in various sectors, among to which logistics, warehouse, retail, resource monitoring etc.



# PLUS C91 - Specifications

## Physical features

<b>Dimensions</b>	158.5 x 76.0 x 13.1 mm / 6.24 x 2.99 x 0.52 pollici
<b>Weight</b>	230g / 8.11 oz. battery excluded)
<b>Keyboard</b>	Power, 2 scan keys, volume +/-
<b>Battery and power</b>	Main battery: integrated 5000 mAh
	Standby: Up to 490 hours (main battery only; WiFi: Up to 470 hours; 4G: Up to 440 hours)
	Continuous use: over 12 hours (depending on the environment user)
	Charging time: 2.5 hours (charging device via standard adapter and USB cable)
<b>Slot cards</b>	1 slot for Nano SIM card, 1 slot for Nano SIM or TF card
<b>Display</b>	5.7 pollici (18: 9), IPS LTPS 1440 x 720
<b>Touch panel</b>	Corning Gorilla Glass, multi-touch panel, gloves and wet sustained hands
<b>Sensor</b>	Light sensor, proximity sensor, gravity sensor
<b>Notifications</b>	Sound, LED indicator, vibration
<b>Audio</b>	2 microphones, 1 for noise cancellation; 1 speaker; receiver
<b>Interface</b>	USB Type-C, USB 2.0, OTG

## Performance features

<b>Operating system</b>	Android 14, GMS, FOTA, Soti MobiControl, Android Enterprise Recommended, Zero-Touch, 90-day security updates, SafeUEM supported; Built-in support for future updates via Android 11/12 compliant with GMS and Android Enterprise Recommended
<b>CPU</b>	Cortex-A53 2.0 GHz Octa-core
<b>RAM+ROM</b>	3GB+32GB / 3GB+64GB / 4GB+64GB
<b>Extension</b>	Supports Micro SD cards up to 128 GB

## Development environment

<b>SDK</b>	PLUS C90 SDK
<b>Language</b>	Java
<b>Tool</b>	Eclipse / Android Studio

## Environment of use

<b>Operating temperature</b>	from -4°F to 122°F / from -20°C to 50°C
<b>Storage temperature</b>	from -40°F to 158°F / from -40°C to 70°C
<b>Humidity</b>	5% UR - 95% UR no condensation
<b>Resistance to falls</b>	Falls 1.5 m / 4.92 ft on concrete across the entire operating temperature range
<b>Resistance to rolling impacts</b>	1000 x 0.5 m / 1.64 ft fallen to room temperature
<b>Resistance</b>	IP67 according to IEC sealing specifications
<b>ESD</b>	±15 KV air discharge, ±8 KV conductive discharge

## Communication

<b>Bluetooth</b>	V2.1+EDR, 3.0+HS and V4.1+HS, BT5.0
<b>GNSS</b>	GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna
	Supporto IEEE802.11 a/b/g/n/ac/d/e/h/i/k/r/v/w, dualband 2.4G/5G, IPV4, IPV6; Supporto 5G PA
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<b>WLAN</b>	Operating channels: 2.4G (channel 1~13), 5G (channel 36,38,40,42,44,46,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140,149,153,157,161,165), depends on local regulations
	Security and encryption: WEP, WPA/WPA2-PSK (TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAP-GTC, etc.
<b>WWAN (Europa/Asia)</b>	2G: GSM850/GSM900/DCS1800/PCS1900 3G: CDMA EVDO: B20 WCDMA: B1/B2/B4/B5/B8 TD-SCDMA: A/F(B34/B39) 4G: B1/B2/B3/B4/B5/B7/B8/B20/B34/B38/B39/B40/B41
<b>WWAN (America)</b>	2G: GSM850/GSM900/DCS1800/PCS1900 3G: CDMA EVDO: B20/BC1 WCDMA: B2/B4/B5/B8 4G: B2/B4/B5/B7/B8/B12/B17/B28A/B28B/B38

## Data collection

### Camera

<b>Front Camera</b>	5MP
<b>Back Camera</b>	16 MP rear autofocus with flash

### NFC

<b>Frequency</b>	13.56 MHz
<b>Protocol</b>	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, ecc
<b>Chips</b>	M1 card (S50, S70), CPU card, NFC tags, etc.
<b>Range</b>	2-4 cm

### Barcode Scanner (Optional)

<b>2D Scanner</b>	Honeywell: N6603 / N6703
<b>1D symbols</b>	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
<b>2D symbols</b>	PDF417, MicroPDF417, Composito, RSS, TLC-39, Datamatrix, codice QR, Micro codice QR, Aztec, MaxiCode; Codici postali: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), ecc.

## Optional accessories (See details in the Accessories Guide)

charging base; Cord etc.

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