



reddot winner 2020



TC601

Mobile Computer

A Masterpiece of Innovation, Created for Industrial Mobility

IP67

Sealing

15.9mm

Thickness

Android 10

(upgradeable to 12)

285g

Weight

2m (with boot)

Drop Resistance

Gorilla® 6

Corning®

Honeywell N4603

Scanner

660

2.2GHz Octa Core
Qualcomm® Snapdragon™

TC601 offers an unparalleled design in the mobile IPC industry with its beautiful aesthetics and quality craftsmanship. It is equipped with the ultra-powerful Qualcomm Snapdragon™ 660 CPU for unprecedented performance. And the display utilizes Corning® Gorilla Glass 6 for superior protection and drop-resistance. At a mere 15.9mm thinness, TC601 is super comfortable to hold and easy to handle. Moreover, the 6" screen has been designed in 18:9 ratio to maximize the area and provide a larger viewing experience. TC601 also includes a high-end Honeywell scanner for fast and accurate scanning. It is the perfect device to increase business efficiency and deliver customer happiness.

Superior Speeds, Unparalleled Performance

TC601 is equipped with the Qualcomm Snapdragon™ 660 CPU to deliver customers ultimate performance for smooth and unparalleled efficiency.

Express Scanning, Extraordinary Achievement

TC601 comes included with a high-end Honeywell N4603 scanner that possesses an ultra-clear and precise aiming mode. The speed and accuracy of this scanner feature gives users the necessary tools to achieve unbelievable success.

Thin Design, Perfect Companion

TC601 weighs a mere 285g and is only 15.9mm thin making it extremely convenient and effortless to carry around. It also comes with a textured design on the back to prevent loss of grip and to create a more at-ease usage experience giving users the ability to be highly productive and carefree at the same time

Tough Durability, Fortified Protection

TC601 utilizes Corning® Gorilla® Glass 6 to prevent any breakage from drops as high as 2 meter (with boot) and provides ease-of-mind usage with this added level of protection.

Special Panel Technology for Improved Efficiency

TC601 has equipped a special panel technology designed to withstand all conditions found in manufacturing environments. In the event the screen is dirtied with substances such as oil or water, or the operator is wearing gloves, the screen panel can still function properly. Our users no longer need to wipe the screen first or remove their gloves frequently, effectively saving their time and increasing productivity.

*Contact our sales representative for the definition of the oil, water and glove categories.

Large Screen to Broaden Your Horizons

TC601 breaks away from the norm and offers a 6" screen with a 18:9 ratio for a larger viewing area that lets users enjoy a better viewing experience on a wider screen.

Delicate Craftsmanship, Designed to Amaze You

TC601 is packaged in an exclusive box that has a stunning design to enhance your aesthetic experience.

Unparalleled Design, 2020 Red Dot Design Award

TC601 has transformed the rigid and boring image of industrial products with its esthetics and quality craftsmanship. It not only has a quality design, but also extremely thin, compact and durable. TC601 is designed with the users in mind, and created for high-demanding environments. From the material selection, the grille design on the back cover to prevent slippage, or the octagonal frame to reinforce drop protection, all shows its original design and creative. TC601 has won the Red Dot Design Award 2020.



Physical Characteristics

Dimensions	168.1mm x 81mm x 15.9mm
Weight	285g (with standard battery)
Display and Panel	<ul style="list-style-type: none"> 6", 18:9 IPS Full-HD (1080 x 2160) LCM Capacitive 5 points multi-touch panel Gorilla® Glass 6
Expansion Slots	<ul style="list-style-type: none"> Micro SD card slot x 1 (with SDHC compliance and software image upgrade features) Nano SIM slot x 2 Type C supported USB OTG and DC in 5V/3A Cradle connector DC power input
Keys and Buttons	<ul style="list-style-type: none"> Virtual key x 3 Side key: Scan key x 2, Volume key x 2, Power key, Function key (programmable)
Notification	<ul style="list-style-type: none"> Vibration Ring tone LED behavior <ul style="list-style-type: none"> ➢ Charging <ul style="list-style-type: none"> Pre charge: Red (Blinking on) Charge: Red QC charging: Orange Charge full: Green Battery low: Red (Blinking on) ➢ Scan <ul style="list-style-type: none"> Scan Start: Red Decoder: Green (Blinking once) ➢ Information <ul style="list-style-type: none"> Battery swap: Red
Audio and Voice	<ul style="list-style-type: none"> Speaker x 1 (95dB @ 10cm) Receiver x 1, Dual noise-cancelling microphones x 1 Type C head-set

Performance Characteristics

Operating System	<ul style="list-style-type: none"> Android 10 with GMS (upgradeable to 12) Android enterprise certification (Optional)
CPU	<ul style="list-style-type: none"> Qualcomm® Snapdragon™ 660 2.2GHz Octa Core
Memory	eMCP 4GB LPDDR4x + 64GB eMMC 5.1

User Environment

Operating Temp.	-20~50℃
Storage Temp.	-30~70℃ (without battery)
Charging Temp.	0~45℃
Humidity	5%~90% (non-condensing)
Sealing	IP67 Standard
Drop Spec.	1.8m MIL-STD 810G and 2 m MIL-STD 810G with boot
Tumble Spec.	0.5m tumbles for 200 cycles and 400 drops
ESD	±8KV contact discharge, ±15KV air discharge

Network Connection

Wireless PAN	Bluetooth 5.0
Wireless LAN	<ul style="list-style-type: none"> 802.11a/b/g/n/ac Wireless LAN, 2.4GHz and 5GHz Compliant with WEP, WPA and IEEE 802.11i WPA2 Fast roaming
Wireless WAN	<ul style="list-style-type: none"> GSM: 850,900,1800,1900 MHz WCDMA: B1, B2, B5, B8 LTE: B1, B2, B3, B4, B5, B7, B8, B12, (B17), B19, B20, B28, B38, B39, B40, B41(100M only)
GPS	aGPS, GPS, GLONASS, Beidou, Galileo, QZSS, SBAS

Data Capture

Scanner	<ul style="list-style-type: none"> Support 1D/2D Scan engine: <ul style="list-style-type: none"> Honeywell N4603 Honeywell N6703 (Optional)
Camera	<ul style="list-style-type: none"> Front camera: 5M pixel CMOS color camera Rear camera: 16M pixels CMOS color camera with auto focus LED flashlight
NFC	<ul style="list-style-type: none"> ISO14443-4 (Type A, Type B), ISO15693 Mifare, Felica (ISO/IEC18092)

Sensor

Sensor	Accelerometer, Gyroscope, e-Compass, Light Sensor, Proximity Sensor
--------	---

Power

Battery	Replaceable main battery: 3.85V/4000mAh
Power Adaptor	<ul style="list-style-type: none"> 100~240Vac, 50/60Hz Input 5V/3A 15W, 9V/2A 18W output (QC3.0)

Regulatory Compliance

Certifications	<ul style="list-style-type: none"> CB, CE, UKCA, FCC, NCC, Japan certification RoHS, REACH, WEEE BQB compliance WIFI compliance
----------------	---

Accessories

Accessories	<ul style="list-style-type: none"> Adaptor Data Cable (Type C) LCM Protector (Optional) Protective Boot (Optional) Hand Strap (Optional) Spare Battery (Optional) Pistol Grip (Optional) Cradle (1 Terminal + 1 External Battery) (Optional)
-------------	--