

GS RT50 Rugged Tablet with Scanner



FEATURES

- 5G high-speed transmission, comprehensive upgrade

Features with a powerful octa-core 2.4GHz processor, it supports 5G/4G/3G/2G full network communication. WiFi 6 data transfer rate increase by 100%, and low-energy Bluetooth BT5.2 makes the information transmission ability stronger.

- Strong scanning performance

Equipped with self-developed scan engine, it can accurately and quickly read all kinds of 1D and 2D barcodes, no matter it is damaged, old and faded or on screen, it can be accurately read.

- 10000mAh Battery, 18W Fast Charge

In order to provide super endurance for professional scenes, we have equipped a 10000mAh battery as standard. RT50 adopts TYPE-C super fast charging solution, which intelligently output voltage and current according to the current charging state of battery, and then charge the battery directly, which effectively enhances the efficiency of charging.

PRODUCT SPECIFICATION

GS RT50 Rugged Tablet with Scanner

PHYSICAL PARAMETER

Dimensions	259.5mm(L)×161mm(W)×16.9mm(D)
Weight	800g(with battery)
Buttons	power key, volume key × 2
Notification	Vibration/LED /Audio

PLATFORM AND FEATURES

Operating System	Android 12
CPU	Octa-Core, 2×2.4GHz; 6×2.0GHz
Display	10.1" HD+, 800×1280
Touch Panel	10-point touch, GFF, Tempered glass, wet hand operation and glove operation available
Memory	8GB RAM+ 128GB ROM(Optional higher)
Extended Storage	Micro SD Card, up to 256GB, SDHC
Camera	Front camera 5M, rear camera 13M, PDAF, Quick focus + night shot light(Optional higher)
Battery/Charger	10000mAh, non-removable
USB Interface	TYPE-C, charging available, OTG
Motion Sensors	Light, gravity, air pressure sensor, geomagnetic, gyroscope
Fingerprint Identification	Fingerprint recognition available

NFC SPECIFICATION

Frequency	13.56MHz
NFC Reading Distance	0-2cm
NFC Smart Tag	ISO 14443 A ISO 14443B
Special Feature	Supports non-Contacted CPU Card supports 2nd generation ID Card in PRC

RF SPECIFICATION

WLAN	IEEE 802.11 a/b/g/n/ac/ax Wi-Fi6
Bluetooth	BT 5.2
WWAN	For Data GSM/CDMA/CDMA-EVDO/TD-SCDMA/WCDMA/TD-D/LTE/FDD LTE/5G
Network frequency	GSM: B2/3/5/8 WCDMA: B1/2/4/5/6/8/19 CDMA: BC0/BC1 TDD: B34/38/39/40/41 FDD: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/66/71 5G NSA: N1/2/3/7/25/41/66/77/78 5G SA: N1/2/3/5/7/8/20/25/28/38/41/66/77/78/79
GPS	GPS, A-GPS, GLONASS, Beidou, Galileo(L1+L5)

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280×800 pixels, 844×640 pixels
Field of view	38.5°horizontal x 28.9°vertical
Skew, Pitch, Roll	Skew tolerance: ±45° Pitch tolerance: ±60° Roll tolerance: ±360°
Illumination Element	White LED
Aiming Element	Red Cross Laser(650nm)
Symbol Decode Capability	1D: EAN13, UPCA, Code 128, Code 39, Code 93, I2 of 5, etc. 2D: PDF417, QR Code, DataMatrix, Aztec Code, Micro PDF417, Maxi Code Standard density, etc.

USER ENVIRONMENT

Operating Temperature	-20°C~60°C
Storage Temperature	-40°C~60°C
Humidity	5%-95%,non-condensing
Drop Spec.	Survive multiple drops from 1.2M
Tumble Spec.	Withstand 2,000 tumbles from 0.5M
IP Level	IP 65
ESD	±8kv contact discharge, ±12kv air discharge

DECODE RANGES

12.5 mil Code 128	50.0mm - 455.0mm
20 mil QR	60.0mm - 605.0mm

SOFTWARE SUPPORT

Generalscan Keyboard Pro
Generalscan SDK Demo
Generalscan OTA Tools
G-Service

OPTIONAL ACCESSORIES

USB Type-C Cable×1, Adaptor×1, Tempered glass×1, Resource Download Card×1

GENERALSCAN

Generalscan Inc.

📍 200 Buckelew Ave, Jamesburg,
NJ 08831, USA
☎ +1 732 895 6821

Generalscan Electronics GmbH

📍 Hochstraße 42, 52525
Heinsberg Germany
☎ +49 1516 7161256

Generalscan LLC

📍 Calle San Luis Potosi 51,
Roma Norte 06700,
Ciudad de México
☎ +52 5552727861

GENERALSCAN ELEKTRONIK VE TEKNOLOJİ SAN. VE TİC. LTD. ŞTİ.

📍 FSM Mah. Siir Sk. Relux Plaza No 10,
Ümraniye 34764,
İstanbul, Turkey
☎ +90 542 478 5873