

GS RT50 Rugged Tablet with Scanner



FEATURES

- 4G high-speed transmission, comprehensive upgrade

Features with a powerful Qualcomm SM6225 octa-core 2.4GHz processor, it supports 4G/3G/2G full network communication. WiFi 5 data transfer rate increase by 100%, and low-energy Bluetooth BT5.1 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.

- 9600mAh Battery, 18W Fast Charge

In order to provide super endurance for professional scenes, we have equipped a 9600mAh 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	252mm(L)×170mm(W)×13.5mm(D)
Weight	600g(with battery)
Buttons	Power Key, Volume Keyx2, Scan Key, FN Key
Notification	Vibration/LED /Audio

PLATFORM AND FEATURES

Operating System	Android 13
CPU	Qualcomm SM6225 Octa-Core 2.4GHZ
Display	10.1" HD+, 1200×1920
Touch Panel	10-point touch, GFF, Tempered glass, wet hand operation and glove operation available
Memory	4G RAM+64G /8GB RAM+128GB ROM(Optional higher)
Extended Storage	Micro SD Card, up to 256GB, SDHC
Camera	Front camera 8M, rear camera 16M, PDAF, Quick focus + night shot light(Optional higher)
Battery/Charger	9600mAh, 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

RF SPECIFICATION

WLAN	IEEE 802.11 a/b/g/n/ac
Bluetooth	BT 5.1
WWAN	3G WCDMA: B1/B5/B8 4G LTE MINO: B1/B3/B41 Network frequency 4G LTE: B1/B3/B5/B8/B34/B38/B39/B40/B41 5G MIMO: N1/N41/N78/N79 5G SA/NSA: N1/N3/N5/N8/N28/N41/N78/N79

GPS	GPS, A-GPS, GLONASS, Beidou, Galileo
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PERFORMANCE CHARACTERISTICS

Optical Resolution	640×480 pixels Global Shutter
Field of view	
Skew, Pitch, Roll	Skew tolerance: ±55° Pitch tolerance: ±55° 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	-10°C~50°C
Storage Temperature	-40°C~70°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 67
ESD	±8kv contact discharge, ±12kv air discharge

DECODE RANGES

12.5 mil Code 128	50.0mm - 350.0mm
15 mil QR	25.0mm - 230.0mm

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, Strap×1
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