GENERALSCAN

GS T54U MOBILE COMPUTER

FEATURES

• Features with 5.45" HD+full touch screen and a window ratio of up to 90%, T54U is designed to be more ergonomic through its own hardware and structural optimization. T54U adopts industrial-grade dual color injection molding process design together with steel sheets injection for one-piece molding, supporting drop up to 1.5 meters and IP65, which greatly increases the life cycle.

• Equipped with a self-developed scanner, T54U's scanning performance is excellent. It accurately and quickly reads all kinds of 1D and 2D barcodes. No matter it is stained, old and faded, or displayed on screen, it can be read accurately and applied flexibly to different application scenarios.

• Equipped with a super octa-core A73 processor with a main frequency of 2.1GHz, the CPU performance of T54U is 30% higher than that of similar devices from existing mainstream manufacturers. Its upgraded operating system Android 10.0 provides a smoother, more stable and complete application experience for work.

• T54U has a battery of capacity 6000mAh and adopts type-C super fast charging solution. According to the current charging status of the battery, it can intelligently output voltage and current to directly charge the battery, which effectively improves the charging efficiency.

PRODUCT SPEC SHEET
GS T54U MOBILE COMPUTER

PHYSICAL PARAMETER

Dimensions	159mm(L)×75.9mm(W)×16.5mm(D)
	6.26in.(L)x2.99in.(W)×0.65in.(D)
Weight	280g/9.88oz.(includes battery)
Keypad	Virtual Keypad-Menu, Home, Return
	Physical Keypad-Left/Right Scan Key, power key, volume key
Notification	Vibration/LED/Audio

PLATFORM AND FEATURES

Operating System	Android 11.0
CPU Model	Octa-Core, up to 2.1GHz,12nm
Display	5.45" TFT(LTPS), HD+, 720*1440
Touch Panel	GFF 10-point control, glove operation and wet hand operation available
Memory	6GB RAM+64GB ROM
SIM	Nano SIM slot×2
Extended Storage	Micro SD Card, up to 128GB
Camera	Front camera 5M, rear camera 13M, PDAF, Quick Focus+ Night Shot Light
Battery/Charger	6000mAh, removable
Network Connections	USB, OTG
Motion Sensors	Optical Distance Sensor/Gravity Sensor/Gyroscope/ Geomagnetic Sensor

NFC SPECIFICATION

Frequency	13.56MHz
NFC Reading Distance	The farthest card reading distance is 2cm
NFC Smart Tag	ISO/IEC 18000-3/18092
	ISO/IEC 14443 A/B
	ISO/IEC 15693 Mifare compliance

RF SPECIFICATION

Bluetooth	BT 5.0
WLAN	Wi-Fi 802.11 a/b/g/n/ac (Dual-band: 2.4GHz+5GHz)
WWAN	GSM: B2/B3/B5/B8
	TD-SCDMA: B34/B39
	WCDMA: B1/B8
	TDD-LTE Bands: B34/B38/B39/B40/B41
	LTE_FDD: B1/B2/B3/B8
	CA(Carrier Aggregation): B3+B3 downlink 2CA; B1+B3 downlink 2CA
GPS	GPS/AGPS/Glonass/Beidou

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280×800 pixels/844*640 pixes
Sensor	2D CMOS
Scan Angles	Pitch +/-45°
	Roll (Tilt) 360°
	Skew(Yaw) +/-60°
Scan Accuracy	≥3mil , Code 39/128
Illumination Element	White LED
Aiming Element	Red Cross Laser(650nm)
Symbol Decode Capability	1D: Codabar, Code 11, Code 128, Code 39, Code93, EAN8, EAN13, GS1 128, Matrix 2 or 5, Trioptic, IATA25, INT25, MSI, STRT25, Telepen, UPC-A, UPC-E0, UPC-E1, NEC25, USPS4CB, HK25 2D: Aztec Code, Grid Matrix, Data Matrix, HanXin Code, Maxicode, MicroPDF, PDF417, QR, RSS, RSL, RSE, Codablock A, Codablock F

DECODE RANGES

7.5 mil Code 39	3.15in.-9.061in. / 80mm-230mm
9.2 mil Code39	2.76in.-10.24in. / 70mm-260mm
10 mil Data Matrix	5.12in.-6.30in. / 130mm-160mm
12.5 mil Code128	1.97in.-17.32in. / 50mm-440mm
20 mil QR Code	2.36in.-23.82in. / 60mm-605mm
25 mil Code128	6.30in.-54.33in. / 160mm-1380mm

USER ENVIRONMENT

Operating Temperature	-4°F~140°F/-20°C~60°C
Storage Temperature	-40°F~140°F/-40°C~60°C
Humidity	0%-95%, non-condensing
Drop Spec.	Survive from 4.92 ft. / 1.5m multiple drops
IP Level	IP 65
ESD	±8kv contact discharge, ±12kv air discharge

SOFTWARE SUPPORT

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

PACKING CONTENTS

T54U×1, USB Type-C Cable×1, Adaptor×1, Hand Strap×1,
Resource Download Card×1

GENERALSCAN

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