GENERALSCAN

GS T51 INDUSTRIAL MOBILE COMPUTER

FEATURES

• Durable, Ergonomic Keyboard for Comfortable Operation

The keyboard of T51 designed for both durability and comfort. Each key is highly responsive with excellent tactile feedback, ensuring smooth operation and precise input even when wearing gloves. The ergonomic layout fits naturally to user's hand, reducing fatigue during long hours of use.

• 6GB+64GB - Optimized for Industrial Efficiency

The 6GB memory ensures rapid data processing and effortless multitasking across demanding industrial applications. With 64GB of built-in storage, users can securely store application data and operation logs directly on the device.

• Long-Lasting Hot-Swappable Battery Keeps Your Work Running All Day Long

The 3.8V 5200mAh battery delivers reliable, long-lasting power for industrial applications. Designed with hot-swap capability, it allows users to replace the battery instantly without powering down it.

• High-Performance Octa-Core Processor - MT6769

Powered by the MT6769 octa-core 64-bit 2.0GHz processor, T51 delivers exceptional computing speed and responsiveness for industrial applications. From logistics operations to asset tracking and field inspections, it provides the power and efficiency needed to handle complex tasks effortlessly.

PRODUCT SPEC SHEET
GS T51 MOBILE COMPUTER

PHYSICAL PARAMETER

Dimensions	162.0mm(L)×64.8mm(W)×25.9mm(D)
Weight	300g (includes battery)
Keypad	Front Key - numeric keys, space key, main scan key, direction keys, Fn toggle key, delete key, return key, EN confirm key, Aa case switch key Side key - Left/Right Scan Key, power key, volume key
Notification	Vibration/LED/Audio

PLATFORM AND FEATURES

Operating System	Android 13.0
CPU	MT6769(2∗A75+6∗A55), octa-core, 2.0GHz
Display	4.2" IPS, 720x1280 pixels
Touch Panel	Multi-touch available
Memory Type	6GB RAM+64GB ROM
SIM	Pick one or the other: TF+NANO SIM/NANO SIMx2
Camera	Front camera 500W, rear camera 2000W, Autofocus, flash, anti-shake, macro photography
Battery/Charger	5200mAh, swappable, 3.8V, hot swapping available
Charging Time	<3 hours
Operation Time	＞12 hours
Standby Time	＞350 hours
Network Connections	USB Type-C, OTG
Motion Sensors	Gravity Sensor, Light Sensor, Distance Sensor, motor

NFC SPECIFICATION

Frequency	13.56MHz
Reading Distance	2cm - 5cm
Protocol	ISO 14443A ISO 14443B 15693

RF SPECIFICATION

Bluetooth	BT 5.0+BLE
WLAN	2.4GHz/5GHz, IEEE 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v
WWAN	GSM 850/900/1800/1900MHz WCDMA 850/900/1900/2100MHz TDD B38/39/40/41 FDD B1/3/4/7/8/12/20
GNSS	GPS, Galileo, Glonass, Beidou

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280×800 pixels
Scan Angles	Pitch +/-55° Roll (Tilt) 360° Skew(Yaw) +/-55°
Illumination Element	White LED
Aiming Element	Red Laser
Field of View	Horizontal 40°, vertical 30°
Symbol Decode Capability	1D: Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, China post 25, ISBN/ISSN, Code93, UCC/EAN-128, GS1 Databar, HIBC 2D: PDF417, Micro PDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Hanxin Code

DECODE RANGES

5 mil Code 39	95mm-260mm
6.67 mil PDF417	85mm-270mm
10 mil Data Matrix	60mm-280mm
13 mil Code128	55mm-700mm
13 mil EAN-13	55mm-640mm
15 mil QR Code	30mm-420mm

USER ENVIRONMENT

Operating Temperature	-20°C~55°C
Storage Temperature	-40°C~70°C
Humidity	5%-95%,non-condensing
Drop Spec.	Survive from 4.92 ft. / 1.5m multiple drops to marble floor
IP Level	IP 66
ESD	±8kv contact discharge; ±12kv air discharge

SOFTWARE SUPPORT

Generalscan Keyboard Pro

Generalscan SDK Demo

Generalscan OTA Tools

G-Service

OPTIONAL ACCESSORIES

Adaptor, USB cable, Protective Film, Resource Download Card

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