

# GS T50 INDUSTRIAL MOBILE COMPUTER



## FEATURES

### • 5.5-Inch IPS HD Display (720×1440) -- Clear at Every Angle

With the 5.5-inch IPS display and 720×1440 high-definition resolution, T50 delivers crisp images and accurate colors - perfect for reading barcodes, viewing maps, or checking forms on-site. Its wide viewing angles ensure visibility even under direct sunlight, making it ideal for industrial use in warehouses, logistics yards, or outdoor environments.

### • Powerful Octa-Core Performance Processor -- MT6769

The MT6769 octa-core 64-bit 2.0GHz processor delivers smooth multitasking and rapid data processing. The Android 13 OS provides improved system stability, enhanced security, and compatibility with enterprise-grade applications.

### • 6GB+64GB (DDR4) - Fast, Stable, and Built for Efficiency

With 6GB DDR4 RAM, T50 delivers faster data read and write speeds, ensuring seamless multitasking when switching between inventory apps, barcode scanning, or wireless data transfer. The 64GB internal storage provides enough space for users to store essential records and application data directly without worrying about performance lag.

### • 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.

# PRODUCT SPEC SHEET

## GS T50 MOBILE COMPUTER

### PHYSICAL PARAMETER

Dimensions	166.0mm(L)×74.8mm(W)×20.4mm(D)
Weight	300g
Keypad	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	5.5" IPS, 720×1440 pixels
Touch Panel	Multi-touch available
Memory Type	6GB RAM+64GB(DDR4) 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, Barometer(optional)

### 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 802.11a/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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# GENERALSCAN

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