

GS T59 INDUSTRIAL MOBILE COMPUTER



FEATURES

• High-Speed 5G Connectivity&Performance

Powered by a 2.4GHz octa-core processor, the T59 supports 5G/4G full-band communication with VoLTE HD calls. Integrated Wi-Fi 6E enables up to 2x faster data transfer, while Bluetooth 5.2 ensures stable, low power connectivity.

• Zebra SE4770 Scan Engine - Fast, Accurate, and Reliable

T59 is equipped with the Zebra SE4770 scan engine. With maximum motion tolerance and high first-pass read rates, it enables workers to capture barcodes instantly - even when either the device or the barcode is moving. Its wide scanning range and enlarged "sweet spot" minimizes the need for manual adjustment and boosting operational efficiency.

• 8GB+ 128GB - Powerful Memory for Seamless Performance

With 8GB of RAM and 128GB of internal storage, T59 delivers faster response times, smoother multitasking, and ample space for industrial applications and data storage. Whether running complex warehouse management systems, processing large databases, or handling real-time communication, it ensures stable and efficient performance without lag.

• 6.0-inch HD+ Screen with Industrial-Grade Protection

T59 is equipped with a 6.0-inch HD+ display offering an exceptional 95% screen-to-body ratio for an immersive visual experience. With 1.5-meter drop resistance and IP68-rated dust and water protection, the T59 is built for superior durability in challenging environments.

PRODUCT SPEC SHEET

GS T59 MOBILE COMPUTER

PHYSICAL PARAMETER

Dimensions	163.3mm(L)×77.4mm(W)×13.8mm(D) 6.43in.(L)×3.05in.(W)×0.54in.(D)
Weight	268g/9.45oz.(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 15.0 with GMS
CPU	Qualcomm 4490(2×A78+6×A55), up to 2.4GHz
Display	6", HD+, 720×1440
Touch Panel	GFF 10-point control, glove operation and wet hand operation available
Memory Type	8GB RAM+ 128GB ROM
SIM	Nano SIM slot×2
Extended Storage	Micro SD Card, up to 128GB, SDHC
Camera	Front camera 5M, rear camera 13M, PDAF Quick Focus+ Night Shot Light(optional higher)
Battery	5000mAh, removable
Battery Fast Charge	9V/2A
Network Connections	USB Type-C, OTG
Motion Sensors	Optical Distance Sensor/Gravity Sensor/Gyroscope/Geomagnetic Sensor/Air Pressure Sensor

NFC SPECIFICATION

Frequency	13.56MHz
Reading Distance	The farthest card reading distance is 2cm
Protocol	ISO 14443 A ISO 14443B

RF SPECIFICATION

Bluetooth	BT 5.2
WLAN	IEEE 802.11a/b/g/n/ac/ax
WWAN	GSM 850/1900
(Network frequency)	WCDMA B2/4/5 LTE_TDD B38/41/48 LTE_FDD B2/4/5/7/8/12/13/14/17/25/29/30/66/71 NR_TDD n38/41/48/77/78 NR_FDD n2/5/7/12/13/14/25/26/29/30/66/70/71
WWAN (data business)	GSM/CDMA/CDMA-EVDO/TD-SCDMA/WCDMA/TDD LTE/FDD LTE/5G
GPS	GPS L1/L5, GLO G1, BDS B1/B1C/B2A, QZSS

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280×800 pixels/844×640 pixels
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 68
ESD	±8kv contact discharge; ±12kv air discharge



SOFTWARE SUPPORT

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


OPTIONAL ACCESSORIES

USB Type-C Cable, Adaptor, Hand Strap, Protective Case, Resource Download Card
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