THUNDERBOOK
RUGGED FOR LIFE

COLOSSUS W803



FEATURES

- 8" Screen WUXGA (1920 x 1200)
- Windows 11 Pro
- Intel Celeron N5100 1.1GHz up to 2.8GHz
- Modem 4G (LTE) + GPS
- Barcode reader (Opional)
- 7 hours battery life



1. USB 3.0 type A
2. Audio
3. Mini HDMI
4. USB 3.0 type C (charge and data)
5. Barcode reader
6. Docking connector

IP65 TOTAL | MIL-STD 810G | -20 ~ 60ºC | GORILLA GLASS 3 | 128GB FLASH | 8GB | Quad Core N5100 | WINDOWS 11

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SYSTEM

CPU	Intel Celeron N5100 Quad Core 1.1 GHz up to 2.8 GHz
MEMORY	8GB RAM
STORAGE	128GB eMMC
OPERATING SYSTEM	Windows 11 Pro

DIMENSIONS AND WEIGHT

WEIGHT	910 g
DIMENSIONS	236 x 155 x 20 mm

IN/OUT

WIFI	802.11 Dual a/b/g/n/AC/d/e/h/i/w/r/k/v **Autentication**: WPA2/WPA3, 802.1X(EAP-TLS, TTLS, PEAP, EAP-SIM/AKA/AKA') **Encription**: WPA2-PSK, AES-CCMP
BLUETOOTH	5.1
LTE	GSM:900/1800 LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B40 LTE: Category 4
GPS	Dedicated GPS (Ublox)
PORTS	1 x USB 3.0 type C 1 x USB 3.0 type A 1 x Mini HDMI 1 x Audio 1 x SIM slot 1 x Micro-SD 1 x Docking connector
SOUND	Integrated Speakers and Microphone
CAMERAS	Front 5 Mp Rear 8 Mp Auto-Focus + Flash
BUTTONS	Volume (+ / -), Power, and Scan trigger button
SENSORS	Gyroscope Motion sensor

INDUSTRIAL PROTECTION

DUST-PROOF WATER-PROOF	Full IP65
DROP-PROOF SHOCK-PROOF	MIL-STD 810G
CHASSIS	Aluminium Inner Chassis
OPERATING TEMPERATURE	-20ºC ~ 60ºC
HUMIDITY	5% - 95%

POWER SUPPLY

BATTERY	7h battery life 4.750mAh Cold swappable
POWER ADAPTER	In: 100-240VAC, 50-60 Hz Out: 19VDC 3,42A Charge: USB type C

INCLUDED IN BOX

ADAPTERS	Charger 220VAC
HANDSTRAP	4 attachment points

SCREEN

SIZE	LCD 8" IPS
BRIGHTNESS	550 Nits
RESOLUTION	WUXGA (1920 x 1200)
BACKLIGHT	LED
TOUCHSCREEN TECHNOLOGY	Projected Capacitive (PCAP) Multi-Touch (5 points)

OPTIONAL

BARCODE READER	Honeywell N3680 1D & 2D
NFC	Mifare 13,56MHz 3 ~ 5cm

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BUYING CONFIGURATIONS

PART NUMBER	DESCRIPTION
C1823P07A05A4S07AU*	8GB, 128GB, Windows 11 Pro, Modem 4G
C1823P07A05A4S07AB	8GB, 128GB, Windows 11 Pro, Modem 4G, Barcode Reader
C1823P07A05A4S02AU	8GB, 128GB, Windows 10 Pro, Modem 4G
C1823P07A05A4S02AB	8GB, 128GB, Windows 10 Pro, Modem 4G, Barcode Reader

*default option

OPTIONAL ACCESSORIES

THB2208015

Vehicle Cradle Mount with Replicator



THB2208049

Desktop Docking & Battery Charger



THB2211004

Spare battery



THB2209011

USB-C Vehicle Power Supply



THB2202011

Capacitive stylus pen



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