

Rugged Mobile Computing



Slim, Rugged, Multi-function Wireless Computing

The SUMO ST301C features the integration of a brilliant 10.1" capacitive touch screen and a high performance, energy-efficient Intel® Celeron processor within a slim, lightweight, durable package.

With built-in smart card/CAC reader, Wi-Fi, Bluetooth as well as optional camera, barcode scanner, RFID reader and 4G connection, this robust tablet offers seamless information capture and transmission for improved workflow.

Rated IP65, MIL-STD-810G as well as MIL-STD-461F as well as C1D2 (optional) certified, and with wide temperature range (-20°C to 60°C), the ST301C provides reliable operation in harsh, mission-critical environments.

Features

- ▶ Intel Celeron Processor; high performance with low power consumption
- ▶ Slim, lightweight and durable design
- ▶ 10.1" full HD (1920 x 1200) LCD display with capacitive touch
- ▶ Hot-swappable battery pack
- ▶ Built-in smart card/CAC reader (full-slot)
- ▶ IP65-rated for water and dust resistance
- ▶ MIL-STD-810G for shock and vibration protection
- ▶ MIL-STD-461F for EMI and EMC tolerance
- ▶ NIST (National Institute of Standards and Technology) compliant

Major Options

- ▶ 5 megapixel front camera and 5 megapixel back camera
- ▶ 2D barcode scanner; reads 1D also
- ▶ NFC / RFID reader; complies with HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1
- ▶ Long-range Bluetooth; Class 1 Bluetooth (1000 ft.)
- ▶ Mobile broadband; 4G LTE/AWS module
- ▶ C1D2 compliant for explosive environments

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Accessories

▶ Desktop Cradle

Docking support with ports for two DisplayPort outputs (support up to 4K UHD resolution), USB, Ethernet and power. Power supply not included.



▶ Battery Gang Charger

Simultaneously charge 6 external batteries.



▶ 5-Bay Cabinet Charger

Multi-bay charger, capable of charging up to five DT301S tablets simultaneously. With an internal fan for system cooling and the simple locking connection for the tablets, the GC500 Charging Cabinet provides convenient charging and storage with a single wall plug solution.



▶ Wall/Vehicle Mount Cradle

This wall/vehicle mount cradle offers secure Tablet mounting and charging with power, Ethernet pass-through, and two USB ports. Power input may be through (19V) cylindrical plug or (12V-24V) pluggable terminal block (Phoenix) connectors. Power supply is not included.



▶ Automobile Power Adapter by LIND

Output voltage 65W/ 19V. Input: 11-16V DC.



▶ Carrying Case

Open-to-use design with foldable tabletop stand. Made of 1680 denier nylon fiber with water-repellent coating



▶ Battery Charger Kit with AC Adapter and Power cord

Recharges battery pack "offline" without affecting tablet use.



▶ Digital Pen

Dimension: 9.7mm x 140.7mm; Weight: <25g. Battery: 1AAAA.



▶ Pen Tip

Diameter: 0.059in/ 1.5mm, replaceable (set of 4 pcs).



▶ Shoulder Strap for Tablets

Padded for comfort, provides convenient mobile operation, strap is adjustable and can be attached to the Rubber Grips.



▶ Keyboard Tray and Keyboard

A combo set of a keyboard tray and a USB keyboard for use with the Wall/Vehicle- Mount Cradle (the cradle is not included).




▶ Detachable Keyboard

Designed to connect to the tablet without switching and pairing, ideal for 2-in-1 application



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Specification	ST301C
System	ST301C
CPU	Intel® Celeron® processor
RAM	4GB
Storage	128GB to 256GB flash
Operating System	Microsoft® Windows® 7 Professional or Windows® 10 IoT Enterprise
Display	10.1" LED-backlight screen with multi touch capacitive touch
Display Resolution	1920 x 1200
Network Interface	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band Bluetooth 4.0 LE
Control Switch and Buttons	1 power button, 3 programmable buttons and RF switch
Indicator	1 power/ battery status LED
Speaker	Built-in speaker
Microphone	Built-in microphone with DSP for video conference
NIST Compliant	Yes
I/O Ports	
USB 3.0 Port	1
Headset Jack	1 (3.5mm)
DC-In	1
Smart Card / CAC Reader	Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
Mechanical	
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 3.42A
Battery Pack	7.2V, 6150mAh (hot swappable battery)
Enclosure	ABS + PC plastics and magnesium-aluminium alloy
Dimensions (H x W x D)	190 x 272 x 21.9 mm 7.5 x 10.7 x 0.86 in
Weight	1.3 kg 2.86 lbs

Specification	ST301C
System	ST301C
Water and Dust Resistance	IP65
Vibration and Shock Resistance	MIL-STD-810G
EMI and EMC Tolerance	MIL-STD-461F
Anti Explosion	Class 1 Division 2 (C1D2, optional)
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	Operation: -20°C – 60°C; Storage: -55°C – 70°C
Humidity	0% – 90% non-condensing
Major Options	
Camera	2 megapixel front camera and 5 megapixel back camera
Barcode Scanner	2D barcode scanner; reads both 1D and 2D barcodes, extremely durable, integrated for reliable operation
NFC / RFID Reader	HF/RFID 13.56MHz reader (ISO 15693 and 14443 A/B compliant)
GNSS Module	U-blox M8 GNSS module with concurrent reception of GPS and GLONASS. Industry leading -167dBm navigation sensitivity
Mobile Broadband	4G LTE/AWS
 <p>For more information, including pricing, availability and detailed features please look at our web site at www.sumotech.com or email sales@sumotech.com</p> <p>SUMO Technologies Ltd, Manor Chambers, Marygate, YORK YO30 7BH Tel: +44 (0) 1904 670670 Fax: +44 (0) 1904 670570</p>	

All specifications are subject to change without notice.

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