

Rugged & Reliable Tablet Ready For Logistics & Fleet Management and Dispatching.

In-Vehicle Tablet

N777



The N777 is a rugged and reliable 7 inch Android tablet. Designed to operate in a harsh commercial automotive environment, including a wide range of temperatures, vibrations and shocks. With integrated GPS, cellular communication, built-in cameras, and with support for abundant vehicle and peripheral interfaces, it's suitable for a variety of in-vehicle Fleet Management, especially for ELD truck, Taxi Dispatch, Farm Precision, Intelligent Bus Transportation and Special Vehicles.

- High brightness**
 800 nits highlight screen and sunlight readable
- ISO 7637-II**
 ISO 7637-II Transient Voltage Protection standard, withstand up to 174V300ms car surge impact DC8-36V Wide voltage power supply design
- Battery replaceable**
 Easily to replace a new battery by maintenance personnel
- Real-time precision tracking**
 Dual-satellite system running GPS + GLONASS Integrated 4G LTE for round-the-clock connectivity
- ELD made easy**
 With SAEJ1939/OBD-II interfaces, recording data automatically Compliant with multiple HOS rules(FMCSA) including Property/Passenger 60-hour/7-day & 70-hour/8-day
- All-round ruggedness**
 Comply with IP67 rating 1.5 meters drop resistance Anit-vibration & shock standard by US Military MIL-STD-810G



Tablet Design Patent No.: 201930120272.9 | Bracket Design Patent No.: 201930225623.2 | Bracket Utility Patent No.: 201920661302.1

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Specifications

Operating System	Qualcomm Quad-core processor, Cortex -A7, 1.1GHz
RAM	Android 7.1.2
ROM	2 GB
LCD	16 GB eMMC (support 64GB TF card for expansion)
Touchscreen	7" HD (1280 x 800), sunlight readable 800 nits
Camera (optional)	10 point Multitouch capacitive touchscreen supporting glove and rain mode
Bluetooth	Front: 2.0 MP Rear: 8.0 MP rear camera with LED light
Mobile Broadband	BT4.2 LE
GNSS	IEEE 802.11a/b/g/n, 2.4GHz/5GHz
NFC (optional)	LTE, HSPA+, UMTS, EDGE, GPRS, GSM (Data and Voice)
Sound	GPS/GLONASS
Interfaces	Read/Write Mode: ISO/IEC 14443 A&B upto 848 kbit/s, FelICa at 212 & 424 kbit/s, MIFARE 1K, 4K, NFC Forum type 1, 2, 3, 4, 5 tags, ISO/IEC 15693 All peer-to-peer modes Card Emulation Mode (from host): NFC Forum T4T (ISO/IEC 14443 A&B) at 106 kbit/s
Sensors	Built-in speaker 2W x 1 85dB Internal microphones x1
Power Supply	Type-C, USB 2.0 (For charging and data transfer: support OTG) Docking connector x1(POGO-PIN x24) Headset jack x1
Power Consumption	Acceleration sensors, ambient light sensor
Physical Dimensions (WxHxD)	DC Input Voltage: DC8-36V (ISO 7637-2 compliant) Type-C charge: 5V 2A Battery: 3.7V, 5000mAh Li-ion (Replaceable) Battery operating time: 5h (Typical)
Weight	Normal Mode: 5W
Reliability	200Wx130Hx28.5D; 207.4Wx137.4Hx30.1Dmm (with corner protection)
	785g
	Gravity drop resistance test: 150cm Vibration test: MIL-STD 810G Dust resistance test: IP6x Water resistance test: IPx7 Operating temperature: -10° C ~ 65° C 0° C ~ 55° C (charging) Storage temperature: -20° C ~ 70° C

Docking station

N777



- Security Lock**
 Hold the top of tablet tightly and easily
- Screw Holes**
 • M4 hole sizes RAM mount compatible
 • 1.912" RAM mount compatible (AMPS holes)
 • 75mm VESA mounting support
- Rich Interfaces**
 • CAN BUS (J1939/OBD II), RS232, GPIO etc
 • Support customized interfaces
 • Suitable for customer application needs
- ELD Mandate**
 SAE J1939 / OBD-II protocols built-in 7 days data unattended recording
- Pogo Pins**
 • Reliable electrical connection in rigorous environments
 • Data real-time synchronous storage
 • Device is suitable for road test
- Paw Mechanism**
 • Prevent skidding and falling off

	Standard version	CAN BUS version	SAE J1939 version	OBD-II version
Picture				
Protocol		Docking Station built in CAN Bus compatible with ISO 11889 Standard • Support CAN protocol specification version 2.0 (p11 A, B) • CAN to update from J1939 to CAN Bus	Docking Station built in SAE J1939 protocol • Support SAE J1939, SAE J1708 Protocol ONLY • Support ISO 15765 and CAN bus user protocol • Support J2534, J2534v2	Docking Station built in OBD-II protocol • 5,000m raw data log/24h recording • ISO 15765-4 (CAN) • ISO 14184 (J2534 (Diagnostic Protocol 2000) • ISO 91433 (Asian, European, Chrysler vehicles) • SAE J1939 (US Vehicle) • SAE J1939-71 (Ford vehicle) • Support the non-logged OBD protocols • ISO 15765 / ISO 11889 (raw CAN)
RS232	x2		x1	x1
GPIO			Input x2, output x2	
RS485(optional)	x1	\	\	\
RS422(optional)	x1	\	\	\
USB	USB Type-A (can not be used simultaneously with USB TypeC on the device)			
ACC	x1			
Power	12/24V car power system (8-36V DC input, ISO 7637-2 compliant)			
RAM Mount	1.912" RAM mount compatible (AMPS holes)			
VESA Mount	75mm			
Environment	Operating: -10°C ~ 65°C (14°F ~ 149°F), Storage temperature: -20 ~ 70°C (-4°F ~ 158°F), 0 ~ 95% (humidity)			
Certifications	FCC / CE / E-Mark / RED...			
Weight	550g			

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Accessories

- Allen wrench
- Screws for RAM
- SIM card plug
- USB to Type-C cable
- OBD-II female to open wire
- J1939 female to open wire
- Power acaptor
- RAM 1" Double Ball Mount with Backing Plate