

SMART:myDrive T2 – New bus computer

Real-time tracking, passenger information and onboard ticket sales and validation

The T2 is a compact, high performance, and rugged computer specially designed for vehicle installations. The computer can withstand severe vibration, shock, moisture and temperature variations.

- **Capacitive touchscreen display:** This makes the user interface much more responsive.
- **Faster processing:** Its new processor is faster and more responsive, increasing ticketing speed.
- **Improved connectivity:** This improves bus localization and communication.

The T2 is developed by one of the market leaders in rugged computers. The new generation of computer for onboard ticketing is higher quality, with improved compliance and compatibility. Its small size makes it a perfect choice for installations in buses with limited space.

Capacitive touchscreen display makes simple and reliable ticketing on-board the bus

A light touch of the finger controls the display on the T2. Its sunlight viewable XGA display makes the screen ready for demanding applications. Its quick-mount feature, QuickLock, means the computer attaches and detaches quickly, making it easier to move between vehicles or into storage at the end of the day.

Faster processing improves the ticketing speed

Compared to its predecessor, the T2 has a faster processor. With an Intel® Atom™ D2550 processor and 4GB DDR3 RAM, tickets are processed quicker and the overall interaction time is lower.

Improve bus localization and communication

The T2 has external antenna connections for GPS and cellular modem signals. The combi-antenna with GPS and cellular improves coverage. This means that buses transmit their location with a stronger signal and stay online in more locations.

The T2 is programmed with an interface that is easy to upgrade so new features can easily be activated.

Technical specs

Processor:	Intel® Atom™ D2550 1.86GHz
Memory:	4GB DDR 3 (Atom™)*
Display:	10" XGA LED 500 NIT Projected Capacitive, Multi-Touch
Storage:	sATA CFAST 16GB
WLAN:	WLAN 802.11 a/b/g/n, 2,4GHz and 5GHz
BT:	Bluetooth v2.0 + EDR Class I
Cellular:	Edge & HSPA+ [3G & 4G] (in dock)
GPS:	Assisted GPS (in dock) + Glonass
Antennas:	WLAN/BT dual diversity internal antennas GPS & WWAN (cellular modem) external antenna (combi)
Interfaces:	4 x USB 2.0 1 x Ethernet 10/100/1000 1 x RS232 with 12V
Speakers:	Waterproof stereo speakers, HD Audio
Power supply:	Input 9-36 VDC Unisolated
UPS:	Internal battery for up to 30 minutes of power. 10 minutes with default settings

Physical Characteristics

Size:	251 mm (w) x 198 mm (h) x 63 mm (d) (including dock)
Weight:	2.0 kg
Installation:	Flexible mount/dismount, lockable

Environment

Operating temp.:	-30° C to 55° C
Storage temp.:	-35° C to 75° C
Connector sealing:	Roxtec cable sealing on dock (optional)
Humidity:	10–95% RH
Ingress protection:	IP65 according to IEC 60529:2001 (Docked computer)
Vibration:	5–500 Hz/0,04 m/s ² XYZ according to IEC 60068-2-64 Fh
Shock:	30g for 11ms XYZ according to IEC 60068-2-27

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