

MULTI-APPLICATION, ROBUST & MODULAR

- Powerful platform for on-board IT (ticketing, fleet management...)
- Operations in harsh conditions
- Numerous interfaces



TRANSCITY™

BC 500 ON-BOARD COMPUTER



BC500

On-board computer

The new generation of BC500 is an open, powerful and modular x86 embedded solution.

More robust in its new mechanical base, still fan less, the computer combines localization, communication, multimedia, vehicle and driver interface.

The wide choice of options available provides access to a high level of customization of your embedded projects such as fleet management, passenger information, ticketing, video surveillance and data server.

USER AND DRIVER INTERFACES

- > LVDS interface (option for VGA)
- > Optional touch screen (6.5" 4:3 or 7" 16:9)
- > Audio Interfaces (stereo, microphone)

EMBEDDED PLATFORM

- > Processor: Intel® ATOM™ 1.3 GHz dual core
- > Windows EC 7.0
- > Compact Flash slots

- > GPS (UBlox) with dead reckoning navigation, 3-axe accelerometer and odometer
- > Dual SAM support and optional vack-upbattery

COMMUNICATION INTERFACES

- > Ethernet (DB9 or M12), COM, USB Interfaces
- > Multiple Inputs / Outputs
- > Automotive Interfaces (CAN, IBIS)
- > Optional GSM / 3G or 4G
- > Optional WIFI a / b / g / n with SMA / FME or Fakra connectors

THERMAL PERFORMANCES

- > Immediate starting from -40°C with heating
- > Improvement of the mechanical and thermal design to reach operation at 60°C
- > High performance packaging high performance

BC5 0 0 Product Line

Option Set

- 0. No option
- 1. Reserved
- 2. WIFI
- 3. Reserved
- 4. 3G
- 5. Reserved
- 6. WIFI + 3G
- 7. 4G
- 8. Reserved
- 9. WIFI + 4G

User Interface Type

- 0. Reserved for accessories (ie screen)
- 1. Compact packaging
- 2. Reserved
- 3. Reserved
- 4. Reserved
- 5. High Performance packaging
- 6. High Performance packaging