



EBULA ON-BOARD UNIT BC7 SERIES / 10.4"

The on-board displays BC7900, BC7902 (with integrated GSM-R modem), BC7904 (with integrated GSM-R modem and integrated GPS module), BC7906 (with GPS module) and BC7908 (with LAN for MIPs) were designed for use on developed for rail vehicles - and here especially for the DB application EBUla (German "electronic book timetable and slow-moving sections"). The new powerful Intel® processor and the short boot time when starting the device enable a high level of user-friendliness and short turnaround times. The Windows 10 operating system, among other things, provides the basis for IT security. Due to the fact that it is largely maintenance-free, a hinged front panel is no longer necessary. The BC7 also has two covered USB charging sockets on the front of the device.

At a glance

BC79xx, EBUla on-board unit

- Latest generation EBUla device
- Intel processor E3930 Dual Core, x5
- Compliance with DB AG (3rd gen.) specifications
- XGA-Display
- UIC612 keyboard
- LED-Backlight
- Two light sensors
- With all interfaces of the previous generation
- EBUla Update via wireless or Recovery-Stick
- low-maintenance (without batteries / without rechargeable batteries)
- Wide range power supply 24-110 V DC (+/-40 %)
- Integrated short-term UPS, maintenance-free
- Lowest installation depth, only 45 mm
- With USB charging socket on the front
- USB charging and USB data separated for IT-Safety
- Optional with GSM-R and/or GPS receiver
- Cover available

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TECHNICAL DATA

BC7 SERIES / 10.4" EBULA ON-BOARD UNIT

Technical data	BC790x (EBuLa)
Processor	Intel E3930 Dual Core 1.3 – 1.8 GHz
Memory (RAM)	2 GB DDR3L
Memory	16GB CFast SLC
Additional memory card	-
Display	10.4" TFT display, XGA 1024 x 768 LED backlight Automatic brightness control
Keyboard or touch screen	Keyboard with short-stroke keys in accordance with UIC 612
Interfaces	RS232, RS422, 2x ETH 10/100 Mbit, USB in accordance with DB AG specifications V1.10 Front charging sockets for smartphones or tablets below Self-closing flap
Power supply	Wide range power supply for input voltages from 24 - 110 V DC (+/-40 %)
Environment Controller	Temperature and power management Status and diagnostic LEDs on the front (under/over temperature and button confirmation)
Operating temperature	-25 °C to +70 °C (OT3 in accordance with EN 50155)
Operating system and hardware drivers	Windows 10 IoT Enterprise
Standards / norms	EN 50155, EN 50121-3-2, EN 60068, EN 61373, EN 45545
Dimensions WxHxD	310 x 214 x 45 mm
Options (on request)	Built-in GSM-R modem (BC7902) Built-in GSM-R modem and GPS receiver (BC7904) Built-in GPS receiver (BC7906) with LAN for MIPs (BC7908) Outer housing and power supply (230 V AC)