

# Multifunctional Display BC7-series / 10.4"

When UIC612-format and compact installation space the hermetically sealed BC7-series is your ideal choice. The front face is designed according to the standard requirements of the UIC both mechanically and by its keyboard layout. This device is perfect for MMI (DDS) use and functionally as a TRD, TDD, CCD and ETD.

## At a glance

- UIC612 keyboard layout and installation dimensions
- VGA-Display with LED-Backlight (Opt. SVGA, XGA)
- Lowest installation depth, only 45mm
- Interfaces: Serial, Ethernet, USB (service)
- Mini-PCIe & PC/104 expansion MVB, customer specific)
- Wide range power supply 24-110V DC (+/- 40%)
- -40°C to +70°C Operating temperature
- EN50155, EN50121-3-2, EN60068, EN61373, EN45545

### Processor variants:

#### BC79xx

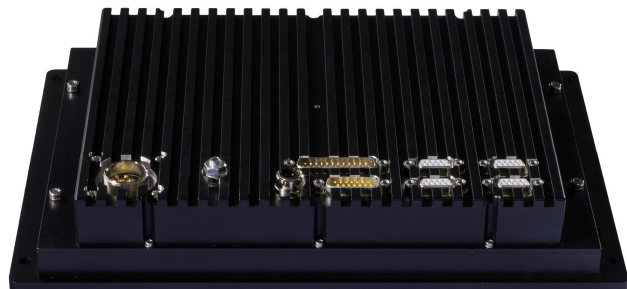
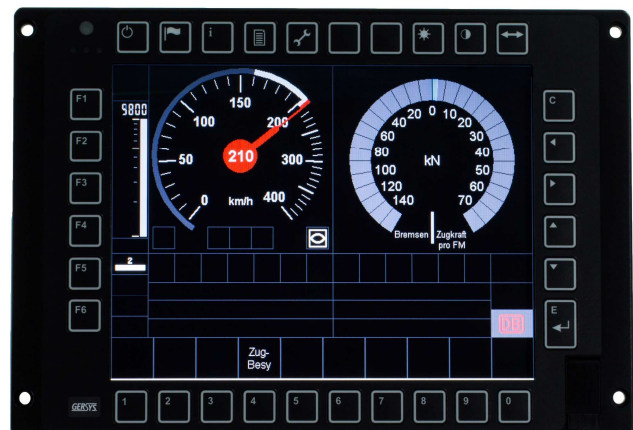
- Latest low power Intel (BayTrail) processor
- up to 4 cores, 8GB RAM
- Very fast video decoding (streams)
- Long product lifetime support

#### BC77xx

- AMD GX series (x86) SOC processor
- Latest generation EBUa display
- Built according to DB specification
- Includes all interfaces of previous generations
- Maintenance-free

#### BC72xx

- Low power Vortex (x86) SOC processor
- Legacy OS (DOS), Embedded OS compatible
- Long product lifetime support



# Specifications

Specifications	BC79xx	BC77xx	BC72xx
Processor	x86 Intel ATOM Bay Trail Single, Dual, Quad Core 1.33 – 1.9GHz	AMD GX-Series SOC 1GHz	x86 Vortex 1GHz
RAM	2 - 8 GB DDR3L	2 - 8 GB DDR3L	256 MB DDR2
Storage	CFast	CFast	Compact Flash
Additional card slot	SD-Card	SD-Card	Secondary Compact Flash
Display	10.4" TFT-Display, VGA 640 x 480 (opt. SVGA 800 x 600 or XGA 1024 x 768) LED-Backlight Automatic and/or manual brightness control		
Keyboard or touch screen	Keyboard with short-stroke keys acc. to UIC 612 or customer specific Key illumination LED, automatically controlled Touch screen: resistive, rugged, GFG technology		
Interfaces	RS422/485, RS232, Ethernet, USB, PC/104 / Mini-PCle (opt. CAN, MVB, Audio)		
Power supply	Wide range power supply 24 – 110V DC (+/- 40%)		
Environment Controller	Temperature and power management Status and diagnostic LEDs on front (lower/over temperature and key confirmation)		
Operating temperature	-40°C to +70°C depending on hardware configuration		
Operating system and hardware drivers	Windows, LINUX, QNX	Windows, LINUX	Windows, LINUX, QNX
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)	Front foil with customer logo Analog and digital inputs / outputs, WiFi, USB on front Microphone and loudspeaker		

## Contact Information

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