

## Multifunctional Display BC5-series / 12.1"

Based on our proven BC3 bestseller, the BC5-series is perfect not only as a machine-technical display, but for video applications because of its large 12.1" TFT-display. The BC5-series with its modular concept also offers a great selection of many different processor technologies and interfaces. You will find a true large-sized all-round talent here.



### At a glance

- touch screen
- XVGA display with LED-Backlight
- low installation depth
- typical interfaces on board: RS422/RS485, RS232, Ethernet, CAN, USB
- expansion via PC/104 / Mini-PCIe slot possible (e.g. MVB)
- wide range power supply 24-110V DC (+/- 40%)
- optional: up to 4 analog video inputs

### Processor versions:

#### BC59xx

- powerful Intel Atom Bay Trail
- brilliant video/graphic performance
- OS: Windows, Linux, QNX

#### BC50xx

- powerful ARM Cortex A9 processor
- for Linux OS
- brilliant video/graphic performance

# Specifications

Specifications	BC59xx	BC50xx
Processor	x86 Intel ATOM Bay Trail Single, Dual, QuadCore 1.33 – 1.9 GHz	ARM Cortex™ A9 Quad Core 800 MHz
RAM	2 - 8 GB DDR3L	1 GB DDR3
Storage	4 GB eMMC on board flash ≥ 2 GB CFast-Card	4 GB eMMC on board flash
Additional card	SD-Card (Slot)	≥ 1 GB SD-Card
Display	12.1" TFT-Display, XGA 1024 x 768 LED-Backlight Automatic and/or manual brightness control	
Touch Screen	Touch screen: resistive, rugged, GFG technology (additional 3 short-stroke keys for manual brightness control)	
Interfaces	RS422/485, RS232, Ethernet, USB, Mini-PCle (opt. CAN, MVB, Audio, up to 4 analog video inputs)	
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	-25°C up to +70°C -40°C up to +70°C (extended temperature range, pre-heating if needed) depending on hardware configuration	
Operating system and hardware drivers	Windows 7 emb., LINUX, QNX	LINUX, QNX
Standards / Norms	EN 50155, EN 50121-3-2, EN 60068, EN 61373, EN 45545	
Dimensions WxHxD	360 x 240 x 91 mm	360 x 240 x 49 mm
Options (on request)	Touch Screen: capacitive, PCAP, multi-touch Custom front plate dimensions Keyboard (short-stroke keys) instead of touch screen Front foil with customer logo Analog and digital inputs / outputs, WiFi, USB on front Microphone and loudspeaker	

## Contact

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