



MULTIFUNCTIONAL DISPLAY

BC5 SERIES / 12.1"

Based on our proven bestseller BC3, the BC5 series is not only suitable as a machine-technical display, but also ideally suited for video presentations thanks to the large 12.1" TFT display. The BC5 series also offers a wide selection of different processor technologies and interfaces. Here you will find a true all-round talent in large format.

At a glance

- Touch screen
- XGA display with LED backlight
- Slim design - minimal depth
- Interfaces on board: RS422/RS485, RS232, Ethernet, CAN, USB
- Extension possible via PC/104 or Mini PCIe slot (e.g. MVB)
- Wide range power supply 24 - 110 V DC (+/-40%)
- Optional: up to 4 analogue video inputs
- Custom front size

Processor variants

BC59xx

- Powerful Intel Atom Bay Trail / Apollo Lake / Elkhart Lake
- Outstanding video/graphics performance
- Operating systems: Windows, Linux, QNX

BC50xx

- Powerful ARM Cortex A9 processor
- Excellent video/graphics performance for Linux operating systems

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TECHNICAL DATA

BC5-SERIES / 12.1" MULTIFUNCTIONAL DISPLAY

Technical data	BC59xx	BC50xx
Processor	x86 Intel ATOM Bay Trail, Apollo Lake, Elkhart Lake Quad Core 1.9 GHz	ARM Cortex™ A9 Quad Core 800 MHz
Memory (RAM)	2 GB DDR3L, ≥ 4 GB	1GB DDR3
Memory	4 GB eMMC onboard flash ≥ 2 GB CFast card	4 GB eMMC onboard flash
Additional memory 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	
Keyboard or touch screen	Touch screen: resistive, robust, GFG technology or PCAP (additional 3 short-stroke keys for manual brightness control)	
Interfaces	RS422/485, RS232, Ethernet, USB, Mini PCIe (opt. CAN, MVB, audio, up to 4 analogue video inputs)	
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 -40 °C to +70 °C (extended range, possibly with preheating) depending on the device configuration	
Operating system and hardware drivers	Windows, 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, Multitouch Front foil with customer logo Analog and digital inputs and outputs, WiFi, Microphone, speaker	