



## MULTIFUNCTIONAL DISPLAY BC6 SERIES / 15"

With its large 15" TFT display, the BC6 series is ideally suited for video applications, but works equally well as a technical display unit. The BC6 series also offers a wide selection of different processor technologies and interfaces. Despite the large screen size, the BC6 series has a slim design.

### 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

### Processor variants

#### BC69xx

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

#### BC60xx

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

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## TECHNICAL DATA

### BC6-SERIES / 15" MULTIFUNCTIONAL DISPLAY

Technical data	BC69xx	BC65xx	BC64xx	BC60xx
Processor	x86 Intel ATOM Bay Trail Quad Core 1.9 GHz	Elkhart Lake Quadcore	Apollo Lake Quadcore	ARM Cortex™ A9 Quad Core 800 MHz
Memory (RAM)	2 GB DDR3L	8 - 16 GB	4 GB	1GB DDR3
Memory	4 GB eMMC onboard flash ≥ 2 GB CFast card	tbd, ≥ 8 GB CFast Card	16 GB eMMC	4 GB eMMC onboard flash
Additional memory card	SD card (slot)	Additional memory card	Additional memory card	≥ 1 GB SD-Card
Display	15" TFT display, XGA 1024 x 768 LED backlight Automatic brightness control			
Keyboard or touch screen	Touch screen: resistive, robust, GFG technology			
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 on request)			LINUX (QNX on request)
Standards / norms	EN 50155, EN 50121-3-2, EN 60068, EN 61373, EN 45545			
Dimensions WxHxD	415 x 303 x 96 mm			415 x 303 x 54 mm
Options (on request)	Touch Screen: Capacitive, PCAP, Multitouch Front foil with customer logo Analog and digital inputs and outputs, WiFi, Microphone, speaker			