

HIGHLIGHTS

- EMBEDDED BOX COMPUTER, LOW POWER
- INTEL® CELERON® QUAD-CORE™ J1900
- HEADLESS SYSTEM
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT
- 9 - 36VDC INPUT
- FOR INDUSTRIAL APPLICATIONS, 24/7 OPERATION
- AVAILABILITY MIN. 3 YEARS



EBC 02 – J1900

Update: 04/2016

Hardware	Description
Type of device	Embedded Box-PC(headless) in a metal housing with integrated single board computer
Mainboard	CPU: Intel® Celeron® J1900 (4x 2,0GHz, 2MB Cache) Chipset: Intel® SoC Ethernet: Intel® i210IT (PoE IEEE 802.3af max 15,4W) Intel® i210IT (PoE IEEE 802.3af max 15,4W)
Interfaces front side	USB: 1x USB2.0 Serial: 2x RS232 Digital I/O: 4x IN, 4x OUT Graphics: 1x DVI-D SD card: 1x slot for SD board SIM card: 1x slot for SIM board (designated for optional UMTS 3G module) Push button: 1x power ON connector (remote)
Interfaces rear side	Graphics: 1x DVI-I USB: 2x USB2.0, 1x USB3.0 Serial: 2x RS232/422/485 (Pin9= RI, 5V oder 12V) Network: 2x 10/100/1000 LAN 2x PoE nach IEEE 802.3af, max. 15,4W pro Port Audio: 1x Line OUT, 1x Line IN Push button: 1x power ON Power input: 9 – 36 VDC
Interfaces internal	Extensions: 1x CFast, 1x mini PCIe full size, 1x mini PCIe half size
Main memory	RAM: 1x DDR3L-SO DIMM socket max. 8GB
Mass memory	SSD: 1x 2,5" SATA min. 32 GB or HDD: 1x 2,5" SATA min. 250 GB
Power supply	Input: 09- 36VDC

Software	Description
Operation system	Windows® 7 / Windows® embedded standard 7 / Windows® embedded 8 standard / Windows® 8.1 / Windows® 10 / Windows® 10 IoT; others on request.

Mechanics	Dimensions: W x H x D
Housing	217,5 x 45 x 148 mm
Weight	~ 2,0 kg

Options	Description
Mounting Accessories	Wall mount device or top hat rail mounting, WLAN kit, UMTS kit, Separate power supply 115/230 VAC

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