

Reduced to the best.



Prime Cube BMX

The BMX industrial Box PC offers high performance for industrial use. It provides the power of current CPU generations and state-of-the-art computer technology combined with a tailored cooling design.

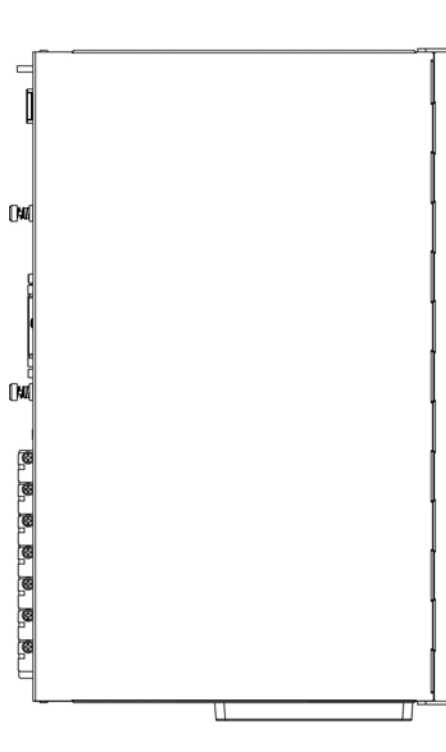
The cabinet computer features always a current base board. In addition, it offers PCI and PCI Express interfaces as well as USB and Ethernet connectors for functional extensions. An industrial remote display can be connected via VGA or the DVI interface.

The system can be used universally and mounted into all usual control cabinet systems. It can be installed in vertical or horizontal position. Interfaces and drives are always accessible on the front of the device.

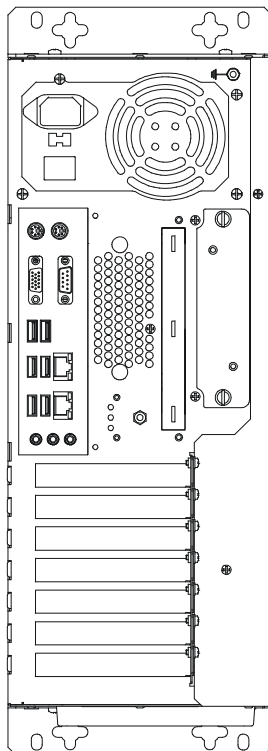
- Powerful application server
- High-performance CPU for any application
- DVD drive in a removable cage
- PCI and PCI Express slots
- DVI interface (option)
- Cooling concept for high-performance 24/7 operation
- Installation in vertical or horizontal position
- Long term available standard industrial mainboard

Dimensions (W x H x D)

170 x 431.5 x 270 mm



Connections



Housing		<ul style="list-style-type: none"> ■ Mechanically stable, robust system-unit cover made of galvanized sheet-steel to be installed in cabinets (vertically or horizontally). ■ Industrial, EMC housing design, cooling concept especially designed for high-performance systems (due to optimized CPU fan, device fan and power supply fan)
Protection class		■ IP20
Baseboard/CPU-Module		<ul style="list-style-type: none"> ■ Industrial standard board, chip set Intel Q45 / ICH10 D0 ■ Celeron 440 (2.00 GHz), ■ Celeron E1500 (Dual Core 2x 2.20 GHz), ■ Intel Core™2 Duo E8400 (2x 3.00 GHz), ■ Intel Core™2 Quad Q9400 (4x 2.66 GHz) ■ Intel GMA 4500 (256 MB shared memory max.)
Slots1)		■ 4x PCI, 1x PCI Express x1, 1x PCI Express x8 (1 Lane), 1x PCI Express x16
Memory		■ Up to 16 GB DDR2 RAM
Drive units		<ul style="list-style-type: none"> ■ Hard disk 6.4 cm (2.5") from 80 GB (SATA), exchange possible from outside, SSD from 32 GB opt. ■ Optional two HDDs as RAID0 or RAID1 array ■ Optional slimline DVD-RW drive on the front side
Interfaces		<ul style="list-style-type: none"> ■ COM1 as RS 232, 2x PS/2, 1x VGA ■ 2x Ethernet (10/100/1000 Mbit) ■ 6x USB 2.0 ■ Audio: Line-in, Line-out, Mic-in ■ 1x DVI-D
Supply voltage		■ 100-240 VAC (90...264 VAC) or 24 VDC (18... 36 VDC)
Power consumption	Max. Typ.1)	<ul style="list-style-type: none"> ■ 400 W max. (24 VDC), 590 VA max. (230 VAC) ■ 104 W (24 VDC), 125 VA (230 VAC)
Ambient temperature		■ +5 °C up to +45 °C
EMC:	interference emission/ interference resistance	<ul style="list-style-type: none"> ■ According to EN 55022:1998 + A1:2000 + A2:2003 Class A ■ According to EN 55024:1998 und EN 61000-6-2:2001
Shock load in operation/ Oscillating load in operation		<ul style="list-style-type: none"> ■ EN 60068-2-27 ■ EN 60068-2-6
Operating system		■ Windows® XP Prof., other upon request
Endurance test		■ 48 h burn-in before delivery
Test certificate		■ CE

¹⁾ These information correspond to the basic version.
Issue 5.00 Subject to change without notice.