

» Fax-response «

Please fax to +49(0)8165 77 279 or visit www.kontron.com/response

yes

Please send me a **detailed technical data sheet** about:

- CB 511
 CB 751
 CB 752
 CB 753
 or the complete **Kontron Product Guide**

yes

- Please make me an **offer – free-of-charge** and **with no obligation** – for the following product:

yes

- Please arrange an **obligation-free consultation**.
 Please call me, I have a question concerning

yes

- Please send me your **e-mail newsletter**.

My address is:

Company

First name, Surname

Position

Street

Postcode

City

Country

Telephone

Fax

E-mail

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» Fanless Box PCs – CB Series «

Advantages

- » Fanless, maintenance free
- » Lifecycle management
- » Long-term availability
- » Fully documented testing
- » Excellent thermal design
- » No chassis or CPU fan necessary
- » Expandable in form and function

» Fanless Box PCs – CB Series «

Designed for your demand

- » Intel® Atom™ N270 / Core™2 Quad up to 2.26 GHz
- » Individual configuration for application specific requirements
- » Extended temperature -15°C up to 60°C
- » Shock and vibration resistant
- » System characteristics tested and approved



CB511



CB751



CB753



CB752

CB SERIES TECHNOLOGY

The fanless Kontron CB series is designed for a broad spectrum of applications. In sectors like medical, transportation, automation, point of sales and digital signage benefit from the CB Series' long-term availability, life cycle management and extreme reliability.

Kontron's Embedded CB series, which comes in a rugged aluminum chassis, excels thanks to its high performance-per-watt with fully passive-cooling making it more robust than other designs available to date in the same performance class.

The ready-to-run embedded box PC is ideal for rugged application areas and extended ambient temperature, which require interfaces for various deployments like RS232, RS422/485, digital I/Os, CAN interface, NVRAM, Firewire and up to three gigabit Ethernet interfaces besides the standard PC interfaces. Additional, due to the WiFi option the cabling work is able to eliminate. Customer-specific extensions can be implemented via Mini PCI Express slot for extend functionality.



Box PC – CB511



REDUCE TO THE MAX

Box PC – CB751



PERFORMANCE WITH CORE DUO

Box PC – CB752



ENERGY SAVING WITH ATOM TECHNOLOGY

Box PC – CB753



EXPANDABLE CORE™ 2 DUO PERFORMANCE

Processor	Intel® Atom N270 1.6 GHz	I/O Features	Optional: 1* WLAN
Chipset	945GSE/ICH7M	Main Memory	up to 2 GB DDR2
Approvals	CE, designed to meet UL	Mounting	Desktop, wallmount, frontmount, DIN Rail
Connectivity	Front: 1* RS232, 2* GB LAN, 4* USB, VGA Rear: CF, 1* RS232, line out	Power Supply	24 VDC (10 V - 30 V) optional external AC adapter
Cooling	Fanless	System Monitoring	By BIOS
Dimensions H x W x D	51 mm x 250 mm x 140 mm (2.01 inch x 9.84 inch x 5.51 inch)	Temperature	Operating: -15°C to 60 °C according IEC 60068-2-1, 60068-2-2, 60068-2-14
Drives	CF	Verified OS	WIN CE 6.0, WIN XP embedded, Linux embedded
Free slots	PCI Express Mini Card	Weight	Approx. 2 kg
Front Side Bus	533 MHz		

CPU	Intel® Celeron® M ULV 1.06GHz Processor, Intel® Core™ Duo LV 1.66GHz Processor	Front Side Bus	533 MHz
Chipset	Intel® 945GM + Intel® ICH7R Chipset	I/O Features	Optional: RS422/485, DVI
Approvals	CE	Main Memory	3 GB DDR memory support
Connectivity	Front: 4* USB, 3* GB LAN, PS/2 M+K, VGA, 7.1 HD audio, 1* Firewire, 1* RS232 Rear: 3* RS232, 2* USB	Mounting	Desktop, wallmount, frontmount
Cooling	Fanless	Power Supply	24 VDC (10 V - 30 V), optional external AC adapter
Dimensions H x W x D	75 mm x 250 mm x 260 mm (2.96 in x 9.84 in x 10.24 in)	System Monitoring	By API
Drives	2.5" HDD/SSD, CF	Temperature	Operating: 0 to 50 °C according to IEC 60068-2-1, 60068-2-2, 60068-2-14
Free Slots	PCI Express Mini Card	Verified OS	WIN XP, Linux, WIN XP embedded
		Weight	~ 4 kg

CPU	Intel® Atom™ Processor N270, 1.60 GHz	I/O Features	Optional: CAN Bus, RS422/485, 18-bit DVI, 3rd COM, WLAN
Chipset	945GSE + ICH7M	Main Memory	2 GB DDR2
Approvals	CE	Mounting	Desktop, wallmount, frontmount
Connectivity	Front: 2* GB LAN, 2* COM, VGA, 4* USB, Rear: 2* USB, line in, line out, Mic in	Power Supply	24 VDC (10 V - 30 V), optional external AC adapter
Cooling	Fanless	System Monitoring	By BIOS
Dimensions H x W x D	75 mm x 250 mm x 160 mm (2.95 in x 9.84 in x 6.3 in)	Temperature	Operating: -15 to 60°C (with CF)
Drives	2.5" HDD/SSD, CF	Verified OS	WIN CE 6.0, WIN XP embedded, Linux embedded, WIN XP pro
Free Slots	PCI Express Mini Card	Weight	~ 3 kg
Front Side Bus	533 MHz		

CPU	2.26 GHz Intel® Core™2 Duo	Front side Bus	667/800/1067 MHz
Chipset	Intel® GM45 + ICH9M-E Embedded Chipset	I/O features	Optional: RS422/485, DVI, WLAN
Approvals	CE	Main Memory	8 GB DDR3 memory support
Connectivity	Front: 4* USB, 3* GB LAN, PS/2 M+K, VGA, 7.1 HD audio, 1* Firewire, 4* RS232, SVideo, Antenna (optional)	Mounting	Desktop, Wallmount, Frontmount
Cooling	Fanless	Power supply	24 VDC (10 V - 30 V), optional external AC adapter
Dimensions H x W x D	75 mm x 350 mm x 260 mm (2.96 in x 13.80 in x 10.24 in)	System Monitoring	By API, Remote by AMT4.0
Drives	2* 2.5" HDD/SSD, 1* CF	Temperature	Operating: 0 to 50 °C according to IEC 60068-2-1, 60068-2-2, 60068-2-14
Free slots	PCI Express Mini Card PCI Express X16 or PCI 32 bit / 33 MHz	Verified OS	WIN XP, Vista, Windows 7, Linux, WIN XP embedded
		Weight	~ 5 kg