

» CB 753 «



Wallmount/Frontmount/Table Top

- » Intel® Core™ 2 Duo support
- » PCI/PCI-Express half size expansion slot
- » Passive Cooled
- » CF Slot internal
- » 2.5" HDD

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Kontron's CB 753 can be used for various applications as medical, infotainment, process control and in embedded applications.

The CB 753 is specifically designed for use within harsh and industrial environments. The support for low power processor enables this complete fanless design.

Due to the huge amount of on board I/Os like 3x LAN, 4x USB (additional 8x USB internal) and 4x COM, the CB 753 enables connectivity for most applications. Long term availability, easy maintenance and serviceability protect your investment. Based on Kontron's mini-ITX motherboard KTGM45, CB 753 offers flexible and scalable configurations.

Technical Information

System	CB 753
Product Line	CB Series
Dimension (H x W x D)	75 mm x 350 mm x 260 mm (2.96 in x 13.80 in x 10.24 in)
Weight	~ 6kg
Interfaces Front	4x USB, 3x GB LAN, PS/2 M+K, VGA, Line in, MIC In, 7.1 HD Audio, 1x Firewire, 4x RS232, SVideo
I/O Options Front	DVI-D via ADD2 card (* PCI Express card) WLAN antenna, second WLAN antenna (instead of COM4)
Rear Side	Power button with integrated power LED, HDD LED
Drive Bays	1x 2,5" HDD/SSD, CF socket on board (2x 2.5" HDD-RAID 0, 1, as option)
Power Supply	24V DC (10-30 V DC), optional: external AC/DC adapter
Expansion Slots	1x PCI 32bit/33MHz half size or 1x PCI express x16 (*) 1x PCI express mini card
Processor	Intel® Core™2 Duo
Chipset	Intel® GM45 + ICH9M-E Embedded Chipset
Memory	Up to 8 GB (2x 4 GB) DDR3 depending on the operating system used (64-bit or 32-bit OS)
Temperature	Operating: 0 to 50 °C according to IEC 60068-2-1, 60068-2-2, 60068-2-14
Humidity	Operating: 5 to 95% @ 50° C not condensing, according to IEC 60068-2-30
Shock	Operating: 5G 11ms duration, 6 directions (half-sine) Storage: 15G 11ms duration, 6 directions (half-sine)
Vibration	Operating: 10-150 Hz Hz: 0.5 sine / 3 axis Storage: 10-150 Hz: 1G sine / 3 axis
Approvals	CE
MTBF	~40.000 h
System Monitoring	By API, Remote by AMT4.0
Verified OS	WIN XP, Vista, Windows 7, Linux, WIN XP embedded
Mounting	Desktop Wallmount Frontmount

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