kontron

» CB 753 Dual Head «



Fanless Box PC with extended graphic power

» Intel® Core™2 Duo support

» Standard graphic card with optimized cooling solution

» Passive Cooled

» Dual Head interface for two independent DVI display

CB 753 Dual Head

Fanless Box PC with extended graphic power

Kontron´s CB 753 Dual Head represents a special version based on CB 753. With this unit Kontron combined passive cooling and extended multimedia functions. This system with PCIe standard graphiccard and optimized cooling solution enables a powerful box pc, which provides you dual independent displays, high resolution and even more graphics features for your application. This Box PC is specially designed for surveillance, video wall, image and video transmission on both analog and digital monitors. Up to three serial interfaces can be integrated. Due to the huge amount of on board I/Os like 1x VGA, 1x DVI, 3x LAN, and 4x USB. The CB 753 offers connectivity for most applications. Long term availability, easy maintenance and serviceability will protect your investment. The CB 753 Dual Head is based on Kontron's mini-ITX motherboard KTGM45 and offers more as a conventional box PC.

Technical Information

System	CB 753 Dual Head
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	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	None
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	VISTA, WIN 7, WIN XP, WIN XP embedded, Linux, WIN CE 6.0
Mounting	Desktop Wallmount Frontmount

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