

Kontron

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www.kontron.com**CP308**

The Kontron CP308 is equipped with the next generation of high-performance Intel® Core™2 Duo mobile processors.

Manufactured using the 45nm process and the mobile chipset GS45, the Kontron CP308 offers scalable CPU performance. The Kontron CP308 is ideal for applications that demand energy efficient dual-core performance like image processing, video processing, robotics and other real-time applications.

CPU performance ranges from the high-end 2.26 GHz version for computation intensive solutions, to the low-voltage 1.86 GHz version for energy sensitive applications, to the ultra-low power 1.2 GHz version, where power dissipation is critical.

**kontron****FEATURES**

- › Dual-core 45nm CPU and mobile chipset in SFF package
- › Up to 8 GB DDR3 memory, dual channel SODIMM
- › One version for extended temperature range, E2: -40°C to +85°C
- › Usage in peripheral slot, CPCI "Drone Mode"
- › System Management functionality, based on IPMI 1.5
- › SATA support, 2 dedicated external SATA connectors on base board
- › Onboard additional Flash device, boot support
- › Wake on LAN functionality
- › iTPM (integrated Trusted Platform Module): creation, storage and management of keys for safer applications and systems

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