

**Kontron**

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[www.kontron.com](http://www.kontron.com)**CP305**

The CP305, a low-power 3U CompactPCI board, supports the highly efficient Intel® Atom™ N270 combined with the Intel® 945GSE Express chipset and ICH7-M I/O Controller Hub. The processor comes with one core supporting two parallel threads (Intel® Hyper-Threading technology) for better performance and increased system responsiveness. The mobile chipset 945GSE featuring the Intel® 3D graphics accelerator delivers sophisticated graphics performance for high-resolution and dual display applications.

The CP305 comes with comprehensive I/O connectivity supporting various communication interfaces including 2x Gigabit Ethernet, 6x USB 2.0 ports, 2x SATA interfaces, and 2x serial ports (RS-232). Available in a 4HP or an 8HP version – optionally combined with rear I/O support – the CP305 can be adapted to a wide range of different application needs.

**kontron****FEATURES**

- › Low-power Intel® Atom™ 3U CompactPCI CPU board
- › Available as 4HP or 8HP version
- › Intel® 945GSE chipset
- › Comprehensive I/O capabilities: Gigabit Ethernet, USB, VGA, SATA, CompactFlash
- › Single-channel DDR2 memory controller
- › Internal graphics controller with dual, independent VGA channels
- › Fully EN50155 compliant
- › Unbeatable thermal design power value of typically 10W
- › Intel®'s Enhanced SpeedStep® Technology for additional power- and thermal-management capabilities

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