

Mini Panel PC with ARM9 Processor Suits HMI Apps



Kontron's front-side IP65-protected Kontron Pico Client industrial panel PC with resistive 5.7-inch VGA TFT touch-screen (640x480) is designed for visualization and control tasks in machinery and equipment. Owing to its low-power design, it is also appropriate for mobile devices and vehicles. The Jazelle extension integrated in the 200 MHz/32-Bit ARM9 processor runs Java code directly on the hardware, which speeds up cross-platform Java applications by up to eight times. This enables the low power Panel PC to run even complex Java applications on an extremely compact footprint for use in markets such as industrial and building automation, logistics and process control. For networked visualization and control tasks, two Real-Time Ethernet 100-Mbit interfaces are implemented so that both vertical and horizontal networking topologies are possible. For connecting peripherals, such as RFID or barcode readers, light curtains, and many other devices, the panel PC features one USB and COM port (RS-232 or RS-485). The integrated SD memory card slot and the removable backup battery are positioned on the rear panel for ease of maintenance.

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