

CP27xx-0000 | The fanless multi-touch built-in Panel PC

The fanless multi-touch built-in Panel PC

| Variants | Processor | available |
|--------------------|---|--|
| CP27xx-0010 | Intel® Atom™, 1 Core (TC3: 40*), Intel® Atom™, 2 Cores (TC3: 40*) or Intel® Atom™, 4 Cores (TC3: 50*) | yes |
| CP2711-0010 | Intel® Atom™, 1 Core (TC3: 40*), Intel® Atom™, 2 Cores (TC3: 40*) or Intel® Atom™, 4 Cores (TC3: 50*) | yes, but not recommended for new projects |
| CP27xx-0000 | Intel® Celeron® (TC3: 50*) | yes, but not recommended for new projects |

*The TwinCAT 3 performance class defines the exact ordering number for the respective TwinCAT 3 product. Please see [here](#) for an overview of the TC3 performance classes.

| CP27xx-0000 | Multi-touch built-in Panel PC |
|--|--|
| Housing | aluminium housing with glass front |
| | all connectors at the bottom of the rear side |
| | PC to be opened from the back side |
| | all components easily accessible |
| | 2 slots for CFast cards, accessible from outside |
| | 1 connector bracket to lead out interfaces of the motherboard at the connection section |
| | pull-out clamping levers for fast installation without loose parts |
| | protection class front side IP 65, rear side IP 20 |
| Front panel | operating temperature 0...55 °C |
| | TFT display in eight sizes |
| | – 11.6-inch display 1366 x 768 |
| | – 12-inch display 800 x 600 |
| | – 15-inch display 1024 x 768 |
| | – 15.6-inch display 1366 x 768 |
| | – 18.5-inch display 1366 x 768 |
| | – 19-inch display 1280 x 1024 |
| – 21.5-inch display 1920 x 1080 | |
| – 24-inch display 1920 x 1080 | |
| Features | multi-finger touch screen |
| | processor Intel® Celeron® ULV 827E 1.4 GHz, 1 core (TC3: 50) |
| | 3½-inch motherboard for Intel® Celeron® ULV 827E |
| | 2 GB DDR3 RAM, expandable ex factory to 8 GB |
| | graphic adapter integrated inside the Intel® processor, 1 DVI-D port occupied by the display in the front and 1 DVI-I connector free |
| | on-board dual Ethernet adapter with 2 x 10/100/1000BASE-T connector |
| | on-board SATA RAID 1 controller, Intel® Rapid Storage Technology |
| | 4 GB CFast card, extended temperature range |
| | 4 USB 2.0 ports |
| | 24 V DC power supply |
| Microsoft Windows Embedded Compact 7, English, supports dual-finger touch screen operation | |

| Options | CP27xx-0000 |
|-----------------|--|
| C9900-E268 | 1-port USB socket inside the front of a CP2xxx without push-button extension, USB-A socket IP 65 |
| C9900-R249 | memory extension to 4 GB DDR3 RAM, instead of 2 GB, requires a 64 bit operating system or only 3 GB are addressable |
| C9900-R250 | memory extension to 8 GB DDR3 RAM, instead of 2 GB, requires a 64 bit operating system |
| C9900-B415 | third on-board Ethernet adapter on the 3½-inch motherboard for Intel® Atom™ or Intel® Celeron® ULV 827E 1.4 GHz, wired out with a 100/1000BASE-T connector inside the connector bracket at the connection section |
| C9900-B518 | 1 PCIe module slot integrated inside CP27xx, to plug-in Beckhoff PCIe modules, instead of 1 connector bracket to lead out interfaces |
| C9900-E233 | 1 serial port RS232 of the motherboard led out at the connection section of a C5210, C65x5, CP2xxx, CP62xx or CP67xx-xxxx-0040/-0050 |
| C9900-E234 | 2 USB ports of the motherboard led out at the connection section of a C5210, C65x5, CP2xxx, CP62xx or CP67xx-xxxx-0040/-0050 |
| C9900-E240 | Serial port COM2 RS232, optically linked, overload protection, D-sub 9-pin connector. |
| C9900-E241 | Serial port COM2 RS485, optically linked, overload protection, D-sub 9-pin connector. Configuration as an end point without echo: echo off, auto send on, always send off, auto receive on, always receive off, termination on |
| C9900-E242 | Serial port COM2 RS422, optically linked, overload protection, D-sub 9-pin connector. Configuration as a full duplex end point: echo on, auto send off, always send on, auto receive off, always receive on, termination on |
| C9900-Z411 | adapter plug DVI-I to VGA |
| C9900-Z413 | adapter cable DVI-I to DVI and VGA, 15 cm |
| C9900-H583 | 30 GB CFast card, 3D flash, extended temperature range |
| C9900-H587 | 60 GB CFast card, 3D flash, extended temperature range |
| C9900-H550 | 4 GB CFast card, SLC flash, extended temperature range |
| C9900-H551 | 8 GB CFast card, SLC flash, extended temperature range |
| C9900-H552 | 16 GB CFast card, SLC flash, extended temperature range |
| C9900-H563 | 32 GB CFast card, SLC flash, extended temperature range |
| C9900-H568 | 64 GB CFast card, SLC flash, extended temperature range |
| C9900-H586 | 30 GB CFast card, 3D flash, extended temperature range, instead of 4 GB CFast card |
| C9900-H590 | 60 GB CFast card, 3D flash, extended temperature range, instead of 4 GB CFast card |
| C9900-H559 | 8 GB CFast card, SLC flash, extended temperature range, instead of 4 GB CFast card |
| C9900-H560 | 16 GB CFast card, SLC flash, extended temperature range, instead of 4 GB CFast card |
| C9900-H567 | 32 GB CFast card, SLC flash, extended temperature range, instead of 4 GB CFast card |
| C9900-H571 | 64 GB CFast card, SLC flash, extended temperature range, instead of 4 GB CFast card |
| C9900-U209 | uninterruptible power supply UPS, integrated into the 24 V power supply, without battery, occupies one internal serial Interface |
| C9900-U330 | battery pack for PCs with 24 V power supply and integrated UPS C9900-P209 or C9900-U209, external, for DIN rail mounting, 3.4 Ah, operating temperature 0...50 °C |
| C9900-U332-0010 | battery pack for 24 V power supply with integrated UPS C9900-U209 at PCs with Intel® Atom™ or Celeron® ULV 827E 1.4 GHz processor, external, for DIN rail mounting, 1.3 Ah, operating temperature 0...50 °C |
| C9900-S706 | TwinCAT 2 PLC runtime for Windows Embedded Compact 7 |
| C9900-S707 | TwinCAT 2 NC PTP runtime for Windows Embedded Compact 7 |
| C9900-S708 | TwinCAT 2 NC I runtime for Windows Embedded Compact 7 |

| CP27xx-0000 | Options for CP27xx with 1 module slot C9900-B518 |
|-------------|---|
| FC9062 | Gigabit Ethernet PCIe module for PCs with Beckhoff PCIe module slots, 2-channel, PCI Express x1 bus |
| C9900-E277 | USB 3.0 PCIe module - 2-port USB 3.0 interfaces - USB transfer rate up to 5 Gbit/s for USB 3.0 - compatible to all USB standards - delivers up to 1 A supply current at each USB port |

| CP27xx-0000 | Fanless multi-touch built-in Panel PC |
|-------------|--|
| CP2711-0000 | 11.6-inch display 1366 x 768 Multi-finger touch screen |
| CP2712-0000 | 12-inch display 800 x 600 Display only, Multi-finger touch screen |
| CP2715-0000 | 15-inch display 1024 x 768 Display only, Multi-finger touch screen |
| CP2716-0000 | 15.6-inch display 1366 x 768 Display only, Multi-finger touch screen |
| CP2718-0000 | 18.5-inch display 1366 x 768 Display only, Multi-finger touch screen |
| CP2719-0000 | 19-inch display 1280 x 1024 Display only, Multi-finger touch screen |
| CP2721-0000 | 21.5-inch display 1920 x 1080 Display only, Multi-finger touch screen |
| CP2724-0000 | 24-inch display 1920 x 1080 Display only, Multi-finger touch screen |