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# Panel PC - BL PPC17 1000 - 2701337

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IP65-rated, fanless, 17-inch industrial panel PC (PPC) with resistive touch screen. Energy-efficient Intel® Atom™ processor with 2 GB RAM. Ready for installation of mass storage device.

15-in. display shown

## Product Description

The Basicline PPC17 1000 is a 17-inch panel PC utilizing the Intel® Atom™ 1.66 GHz N455 processor. The fanless design and rich I/O capability make the BL PPC17 1000 an industrial panel PC that can be used in a wide variety of applications. The three built-in COM ports enable connection to legacy RS-232 devices. One COM port can also be configured for RS-422 or RS-485 protocols. The BL PPC17 1000 offers a seamless balance of processing power and energy efficiency, along with world class connectivity.

## Why buy this product

- ☑ IP65 degree of protection (front) IP20 degree of protection (back)
- ☑ LCD display with resistive touch screen
- ☑ Energy-efficient Intel® ATOM™ processors
- ☑ Embedded operating system support only
- ☑ Three COM ports
- ☑ Fanless design

**RoHS**

## Key Commercial Data

| Packing unit | 1 pc |
|---|---|
| GTIN | 4 046356 773119 |
| GTIN | 4046356773119 |

## Technical data

### Note

| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|---|---|

### Dimensions

| External dimension, width | 453 mm |
|---|---|
| External dimension, height | 357 mm |
| External dimension, depth | 66 mm |

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## Technical data

### Dimensions

| | |
|---|---|
| Installation dimension, width | 424 mm |
| Installation dimension, height | 329.5 mm |
| Note regarding installation dimension | Installation cutout |

### Display

| | |
|---|---|
| Display | 43,2 cm / 17"-TFT |
| Screen resolution | 1280 x 1024 Pixel(s) (SXGA) |
| Backlighting | CCFL |
| Display backlight MTBF | > 50000 h |
| Touch technology | analog resistive (polyester) |
| Colors | 16.2 million colors |

### Computer data

| | |
|---|---|
| Processor | Intel® Atom™ N455 1.66 GHz |
| Cooling | passive |
| Operating systems | without operating system |
| RAM | 2 GB DDR3 SODIMM |
| Mass storage | without mass storage |
| Network | 2x Ethernet (10/100/1000 Mbps), RJ45 |
| Interfaces | 4x USB 2.0 |
| | 1x COM (RS-232/422/485) |
| | 2x COM (RS-232) |
| Slots | without slots |
| Optical drive | without drive |
| Realtime clock | Yes (battery-backed) |
| Service life of battery | 5 years (typical) |

### General

| | |
|---|---|
| Mounting type | Front installation |
| Weight | 8.1 kg |

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP65 (front), IP20 (back) |
| Ambient temperature (operation) | 0 °C ... 50 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Permissible humidity (operation) | 5 % ... 95 % (non-condensing) |
| Permissible humidity (storage/transport) | 5 % ... 95 % (non-condensing) |
| Vibration (operation) | DIN EN 60068-2-6 |
| Shock | 15g, 11 ms in accordance with IEC 60068-2-27 |

### Device supply

| | |
|---|---|
| Supply voltage | 24 V DC |
| Supply voltage range | 19.2 V DC ... 28.8 V DC |

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## Technical data

### Device supply

| | |
|---|---|
| Power consumption | typ. 12.5 W |
| Power supply unit | 24 V DC ±20 % |

### Standards and Regulations

| | |
|---|---|
| Shock | 15g, 11 ms in accordance with IEC 60068-2-27 |
| Vibration (operation) | DIN EN 60068-2-6 |

### Environmental Product Compliance

| | |
|---|---|
| China RoHS | Environmentally Friendly Use Period = 10; |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

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