

**Data sheet**

VIPA Panel PC PPC021 CE (67S-PNJ0-EB)

## Technical data

|                                     |   |
|-------------------------------------|---|
| <b>Order no.</b>                    | <b>67S-PNJ0-EB</b>  |
| Type                                | VIPA Panel PC PPC021 CE   |
| <b>General information</b>          |   |
| Note                                | -   |
| Features                            | Display: 21"<br>Processor: Intel Atom D2550   1860 MHz<br>RAM [GB]: 2<br>User memory [GB]: 2<br>External slot: CFast<br>Onboard Interface: 2x 232/422/485   4x USB-A   1x VGA   2x RJ45 (Ethernet)   1x Audio out<br>Software: WEC7   Movicon CE Standard |
| <b>Display</b>                      |   |
| Display size (diagonal)             | 21.5 "  |
| Display size (width)                | 478 mm  |
| Display size (height)               | 269 mm  |
| Resolution                          | 1920 x 1080   |
| Aspect ratio                        | 16:9  |
| Type of display                     | TFT color (16.7M colors)  |
| MTBF Backlights (25°C)              | 50000 h   |
| <b>System properties</b>            |   |
| Processor                           | Intel Atom Dualcore 1.86 GHz  |
| Operating system                    | Windows embedded Compact 7  |
| User software                       | Movicon 11 CE Standard  |
| Work memory                         | 2 GB  |
| User memory                         | 2 GB  |
| Available memory (user data)        | 1200 MB   |
| SD/MMC Slot                         | -   |
| CF Card Slot Typ II                 | -   |
| CFast Slot                          | yes   |
| <b>Time</b>                         |   |
| Real-time clock buffered            | yes   |
| Clock buffered period (min.)        | 4 y   |
| Type of buffering                   | lithium battery   |
| Load time for 50% buffering period  | -   |
| Load time for 100% buffering period | -   |
| Accuracy (max. deviation per day)   | 10 s  |
| <b>Operating controls</b>           |   |
| Touchscreen                         | PCAP  |
| Touch function                      | Dual Touch  |
| Keyboard                            | external via USB  |
| Mouse                               | external via USB  |
| <b>Interfaces</b>                   |   |
| MPI, PROFIBUS-DP                    | -   |

|                               |                              |
|-------------------------------|------------------------------|
| MPI, PROFIBUS-DP connector    | -                            |
| Serial, COM1                  | RS232 / RS422 / RS485        |
| COM1 connector                | Sub-D, 9-pin, male           |
| Serial, COM2                  | RS232 / RS422 / RS485        |
| COM2 connector                | Sub-D, 9-pin, male           |
| Number of USB-A interfaces    | 4                            |
| USB-A connector               | USB-A (host)                 |
| Number of USB-B interfaces    | -                            |
| USB-B connector               | -                            |
| Number of ethernet interfaces | 2                            |
| Ethernet                      | Ethernet 10/100/1000 MBit    |
| Ethernet connector            | 2 x RJ45                     |
| Integrated ethernet switch    | -                            |
| Video connectors              | VGA SubD HD15                |
| Audio connections             | Line out, stereo jack 3.5 mm |

### Technical data power supply

|   |                       |
|---|-----------------------|
| Power supply (rated value)              | DC 24 V               |
| Power supply (permitted range)          | DC 20.4...28.8 V      |
| Reverse polarity protection             | yes                   |
| Current consumption (no-load operation) | 1.2 A                 |
| Current consumption (rated value)       | 1.3 A                 |
| Inrush current                          | 1.3 A                 |
| $I^2t$                                  | 0.35 A <sup>2</sup> s |
| Power loss                              | 32 W                  |

### Status information, alarms, diagnostics

|                        |      |
|------------------------|------|
| Supply voltage display | none |
|------------------------|------|

### Mechanical data

#### Housing / Protection type

|                         |                              |
|-------------------------|------------------------------|
| Material                | coated aluminium steel plate |
| Mounting                | via integrated pivoted lever |
| Protect type front side | IP 65                        |
| Protect type back side  | IP 20                        |

#### Dimensions

|             |                              |
|-------------|------------------------------|
| Front panel | 562.4 mm x 382.4 mm x 6.7 mm |
| Rear panel  | 542 mm x 362 mm x 54.2 mm    |

#### Installation cut-out

|                               |        |
|-------------------------------|--------|
| Width                         | 547 mm |
| Height                        | 367 mm |
| Minimum                       | 3 mm   |
| Maximum front panel thickness | 12 mm  |
| Net weight                    | 9.1 kg |
| Weight including accessories  | -      |

#### Environmental conditions

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | 0 °C to 50 °C   |
| Storage temperature   | -20 °C to 75 °C |

**Certifications**

|                  |     |
|------------------|-----|
| UL certification | yes |
| KC certification | -   |