

**Data sheet**

VIPA Panel PC PPC021 ES (67S-PNL0-JX)

## Technical data

<b>Order no.</b>	<b>67S-PNL0-JX</b>
Type	VIPA Panel PC PPC021 ES
<b>General information</b>	
Note	-
Features	Display: 21" Processor: Intel Atom D2550   1860 MHz RAM [GB]: 2 User memory [GB]: 16 External slot: CFast Onboard Interface: 2x 232/422/485   4x USB-A   1x VGA   2x RJ45 (Ethernet)   1x Audio out Software: WES7
<b>Display</b>	
Display size (diagonal)	21.5 "
Display size (width)	478 mm
Display size (height)	269 mm
Resolution	1080 x 1920 / 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 Standard 7
User software	-
Work memory	2 GB
User memory	16 GB
Available memory (user data)	7 GB
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
$I_{\Delta t}$	0.35 A²s
Power loss	32 W

### Status information, alarms, diagnostics

Supply voltage display	none
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### Mechanical data

#### Housing / Protection class

Material	coated aluminium steel plate
Mounting	via integrated pivoted lever
Protection class IP front side	IP 65
Protection class IP back side	IP 20
Protection class NEMA front side	-
Protection class NEMA back side	-

#### 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	-
Gross weight	-

#### Environmental conditions

Operating temperature	0 °C to 50 °C
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Storage temperature	-20 °C to 75 °C
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**Certifications**

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UL certification	yes
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KC certification	-
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