

**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 Interface onboard: 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

**Interfaces**

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
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**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

**Environmental conditions**

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

**Certifications**

UL certification	yes
KC certification	-