YASKAWA

Data sheet
Panel PC PPC021 IE (67S-RTP0-KB)

Technical data

Order no.	67S-RTP0-KB
Type	Panel PC PPC021 IE
General information	
Note	-
Features	Display: 21.5" Processor: Intel Celeron J1900 quad core @2 GHz Work memory: 8 GB Operating system and user memory: 64 GB Memory card plug-in place: CFast Interfaces: 2x Ethernet (10/100/1000), 2x USB 2.0, 1x USB 3.0, 2x serial (RS232,RS422/RS485), 1x serial VGA, 1x remote power switch, Audio out Software: Windows 10 IoT Enterprise Visualization system: Movicon 11.6 Runtime - 128 I/Os
Display	
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
System properties	
Processor	Intel Celeron Quad core 2 GHz
Operating system	Windows 10 IoT Enterprise 64Bit
User software	Movicon 11 Win Standard
Work memory	8 GB
User memory	64 GB
Available memory (user data)	42 GB
SD/MMC Slot	-
CF Card Slot Typ II	-
CFast Slot	yes
Time	
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
Operating controls	
Touchscreen	PCAP
Touch function	Multi Touch
Keyboard	external via USB
Mouse	external via USB
Interfaces	
MPI, PROFIBUS-DP	-

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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	3
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	-
Current consumption (no-load operation)	0.12 A
Current consumption (rated value)	1.1 A
Inrush current	-
I^2t	0.3 A^2s
Power loss	27 W
Status information, alarms, diagnostics	
Status display	none
Supply voltage display	none
Mechanical data	
Housing / Protection class	
Material	coated aluminium steel plate
Mounting	via integrated pivoted lever
Protection class IP front side	IP 66
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	8.75 kg
Weight including accessories	12.39 kg
Gross weight	12.39 kg
Environmental conditions	
Operating temperature	-10 °C to 60 °C

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Storage temperature	-20 °C to 75 °C

Certifications

UL certification	yes
KC certification	-
UKCA certification	-
ChinaRoHS certification	-
DNV certification	-
EU MR certification	-

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