

# Touch panel - TP 5120S - 2403105

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Touch panel with 30.7 cm/12.1" TFT-display (analog resistive (polyester)), 800 x 600 pixel(s) (SVGA), 16.2 million colors, Intel® Atom™ N455 1.66 GHz, 4x USB 2.0, 1x COM (RS-232/422/485), 2x COM (RS-232), 2x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Compact 7 and user software: Visu+ / AX OPC Server. (bus system: without)

15" display shown

## Your advantages

- IP65 degree of protection (front) IP20 degree of protection (back)
- LCD display with resistive touch screen
- Energy-efficient Intel® ATOM™ processors
- Three COM ports
- Fanless design
- Visu+ RT and AX OPC server integrated as standard in all devices



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626247908

## Technical data

### Note

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

Outer dimensions: width, height, depth	365 mm x 282 mm x 55 mm
Installation dimensions: width, height, depth	334 mm x 253 mm (Installation cutout)

### Display

Display	30.7 cm/12.1" TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	analog resistive (polyester)

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## Technical data

### Display

Brightness	350 cd/m <sup>2</sup> , typical (adjustable)
Backlighting	LED
Display backlight MTBF	> 50000 h
Colors	16.2 million colors

### Computer data

Processor	Intel® Atom™ N455 1.66 GHz
Cooling	passive
Operating system	Windows® Embedded Compact 7
User software	Visu+
	AX OPC Server
RAM	2 GB DDR3 SODIMM
Mass storage	CompactFlash®, 2 GB
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	4x USB 2.0
	1x COM (RS-232/422/485)
	2x COM (RS-232)
Monitor output	1x VGA
Bus system	without
Slots	without slots
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

### General

Material front plate	Aluminum die-cast
Mounting type	Installation in front plate
Weight	4.6 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
Power consumption	typ. 12.5 W
Power supply unit	24 V DC ±20 %

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### 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 = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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