

Data sheet

Touch Panel TP 608C (62I-IEE0-CX)

Technical data

Order no.	62I-IEE0-CX
Type	Touch Panel TP 608C

General information

Note	-
Features	8,4", TFT, 800x600 pixel XScale processor, 800MHz 128 MB work memory, 4 GB user memory MPI/PROFIBUS-DP, RS232, RS422/485, USB-A, USB-B, 2x Ethernet RJ45 Windows Embedded CE 6.0 Professional, without Movicon Runtime

Display

Display size (diagonal)	8.4 "
Display size (width)	170.4 mm
Display size (height)	127.8 mm
Resolution	600 x 800 / 800 x 600
Aspect ratio	4:3
Type of display	TFT color (64K colors)
MTBF Backlights (25°C)	50000 h

System properties

Processor	Xscale 800 MHz
Operating system	Windows CE 6.0 Prof.
User software	-
Work memory	128 MB
User memory	2 GB
Available memory (user data)	1800 MB
SD/MMC Slot	✔
CF Card Slot Typ II	✔
CFast Slot	-

Time

Real-time clock buffered	✔
Clock buffered period (min.)	6 w
Type of buffering	Vanadium Rechargeable Lithium Battery
Load time for 50% buffering period	10 h
Load time for 100% buffering period	48 h
Accuracy (max. deviation per day)	10 s

Operating controls

Touchscreen	resistive
Touch function	Single Touch
Keyboard	external via USB
Mouse	external via USB

Interfaces

MPI, PROFIBUS-DP	RS485 isolated
MPI, PROFIBUS-DP connector	Sub-D, 9-pin, female
Serial, COM1	RS232
COM1 connector	Sub-D, 9-pin, male
Serial, COM2	RS422/485 isolated
COM2 connector	Sub-D, 9-pin, female
Number of USB-A interfaces	1
USB-A connector	USB-A (host)
Number of USB-B interfaces	1
USB-B connector	USB-B (device)
Number of ethernet interfaces	2
Ethernet	Ethernet 10/100 MBit
Ethernet connector	RJ45
Integrated ethernet switch	✔
Video connectors	-
Audio connections	-

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)	0.4 A
Current consumption (rated value)	0.6 A
Inrush current	7 A
$I_{\Delta t}$	0.25 A ² s
Power loss	9.6 W

Status information, alarms, diagnostics

Supply voltage display	yes
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Mechanical data

Housing / Protection type

Material	die-cast aluminum
Mounting	via integrated pivoted lever
Protect type front side	IP 65
Protect type back side	IP 20

Dimensions

Front panel	264 mm x 189 mm x 7.5 mm
Rear panel	248 mm x 173 mm x 43 mm

Installation cut-out

Width	250 mm
Height	175 mm
Minimum	1.5 mm
Maximum front panel thickness	6 mm
Weight	2325 g

Environmental conditions

Operating temperature	0 °C to 50 °C
Storage temperature	-20 °C to 60 °C

Certifications

UL508 certification	in preparation
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