

Data sheet

Touch Panel TP 612C (62M-JID0-CX)

Technical data

Order no.	62M-JID0-CX
Type	Touch Panel TP 612C

General information

Note	-
Features	12,1", TFT, 1024x768 pixel XScale processor, 1.1GHz 256 MB work memory, 512 MB user memory MPI/PROFIBUS-DP, RS232, RS422/485, 2xUSB-A, USB-B, 2x Ethernet RJ45 Windows Embedded CE 6.0 Professional, without Movicon Runtime

Display

Display size (diagonal)	12.1 "
Display size (width)	246 mm
Display size (height)	184.5 mm
Resolution	768 x 1024 / 1024 x 768
Aspect ratio	4:3
Type of display	TFT color (16.7M colors)
MTBF Backlights (25°C)	50000 h

System properties

Processor	Xscale 1.1 GHz
Operating system	Windows CE 6.0 Prof.
User software	-
Work memory	256 MB
User memory	512 MB
Available memory (user data)	380 MB
SD/MMC Slot	yes
CF Card Slot Typ II	yes
CFast Slot	-

Time

Real-time clock buffered	yes
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	2
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	yes
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	yes
Current consumption (no-load operation)	0.66 A
Current consumption (rated value)	0.8 A
Inrush current	7 A
I ² t	0.25 A ² s
Power loss	15.8 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	325 mm x 263 mm x 7.5 mm
Rear panel	309 mm x 247 mm x 45 mm

Installation cut-out

Width	311 mm
Height	249 mm
Minimum	1.5 mm
Maximum front panel thickness	6 mm
Net weight	3674 g

Environmental conditions

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

Certifications

UL certification in preparation

KC certification -
