

Data sheet

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

Technical data

Order no.	62M-JID0-CB
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Type	Touch Panel TP 612C
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General information

Note	-
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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, Movicon Runtime
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Display

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

Processor	Xscale 1.1 GHz
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Operating system	Windows CE 6.0 Prof.
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User software	Movicon 11 CE Standard
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Work memory	256 MB
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User memory	512 MB
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Available memory (user data)	380 MB
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SD/MMC Slot	yes
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CF Card Slot Typ II	yes
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CFast Slot	-
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Time

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

Touchscreen	resistive
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Touch function	Single Touch
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Keyboard	external via USB
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Mouse	external via USB
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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^2t	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 -
