

**Data sheet**

Touch Panel TP 607LC+ (62H-MHC0-CB)

**Technical data**

<b>Order no.</b>	<b>62H-MHC0-CB</b>
Type	Touch Panel TP 607LC+
<b>General information</b>	
Note	-
Features	7", TFT, 800x480 pixel Cortex-A8 processor, 1000MHz 256 MB work memory, 128 MB user memory RS232, RS422/485, USB-A, Ethernet RJ45 (MPI/DP interface optional available) Windows Embedded CE 6.0 Professional, Runtime Movicon CE Standard
<b>Display</b>	
Display size (diagonal)	7 "
Display size (width)	152 mm
Display size (height)	91 mm
Resolution	480 x 800 / 800 x 480
Aspect ratio	5:3
Type of display	TFT color (64K colors)
MTBF Backlights (25°C)	50000 h
<b>System properties</b>	
Processor	Cortex-A8 1000 MHz
Operating system	Windows CE 6.0 Prof.
User software	Movicon 11 CE Standard
Work memory	256 MB
User memory	128 MB
Available memory (user data)	50 MB
SD/MMC Slot	yes
CF Card Slot Typ II	-
CFast Slot	-
<b>Time</b>	
Real-time clock buffered	yes
Clock buffered period (min.)	26 w
Type of buffering	Manganese Rechargeable Lithium Battery
Load time for 50% buffering period	5 h
Load time for 100% buffering period	24 h
Accuracy (max. deviation per day)	2 s
<b>Operating controls</b>	
Touchscreen	resistive
Touch function	Single Touch
Keyboard	external via USB
Mouse	external via USB
<b>Interfaces</b>	

MPI, PROFIBUS-DP	optional
MPI, PROFIBUS-DP connector	-
Serial, COM1	RS232
COM1 connector	Sub-D, 9-pin, male
Serial, COM2	RS232 / RS422 / RS485
COM2 connector	Sub-D, 25-pin, female
Number of USB-A interfaces	1
USB-A connector	USB-A (host)
Number of USB-B interfaces	-
USB-B connector	-
Number of ethernet interfaces	1
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	yes
Current consumption (no-load operation)	0.24 A
Current consumption (rated value)	0.4 A
Inrush current	85 A
$I^2t$	0.43 A <sup>2</sup> s
Power loss	8 W

### Status information, alarms, diagnostics

Supply voltage display	none
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### Mechanical data

#### Housing / Protection type

Material	PC
Mounting	mounting clips
Protect type front side	IP 65
Protect type back side	IP 20

#### Dimensions

Front panel	212 mm x 156 mm x 6 mm
Rear panel	196 mm x 140 mm x 51 mm

#### Installation cut-out

Width	198 mm
Height	142 mm
Minimum	2.5 mm
Maximum front panel thickness	6 mm
Net weight	1200 g

#### Environmental conditions

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

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UL certification	yes
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KC certification	-
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