

Data sheet

Touch Panel TP 610C (62K-JEE0-CB)

Technical data

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| Order no. | 62K-JEE0-CB |
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|------|---------------------|
| Type | Touch Panel TP 610C |
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General information

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| Note | - |
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| Features | 10,4", 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, Movicon Runtime |
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Display

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|-------------------------|--------|
| Display size (diagonal) | 10.4 " |
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| Display size (width) | 211.2 mm |
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| Display size (height) | 158.4 mm |
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| Resolution | 600 x 800 / 800 x 600 |
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| Aspect ratio | 4:3 |
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| Type of display | TFT color (64K colors) |
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| MTBF Backlights (25°C) | 50000 h |
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System properties

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| Processor | Xscale 800 MHz |
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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 | 128 MB |
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| User memory | 4 GB |
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| Available memory (user data) | 3800 MB |
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| SD/MMC Slot |  |
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| CF Card Slot Typ II |  |
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| CFast Slot | - |
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Time

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| Real-time clock buffered |  |
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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

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| 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

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| 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 |  |
| Video connectors | - |
| Audio connections | - |

Technical data power supply

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|---|---|
| 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) | 0.51 A |
| Current consumption (rated value) | 0.7 A |
| Inrush current | 7 A |
| $I_{\Delta t}$ | 0.25 A ² s |
| Power loss | 12.2 W |

Status information, alarms, diagnostics

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| Supply voltage display | yes |
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Mechanical data

Housing / Protection type

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

Dimensions

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| Front panel | 304 mm x 233 mm x 7.5 mm |
| Rear panel | 285 mm x 215 mm x 45 mm |

Installation cut-out

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| Width | 287 mm |
| Height | 217 mm |
| Minimum | 1.5 mm |
| Maximum front panel thickness | 6 mm |
| Weight | 3251 g |

Environmental conditions

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

Certifications

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| UL508 certification | in preparation |
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