

TPE070ZCW/800230024 S00112 - Panel PC



2401561

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Rugged-Panel PC, 17.8 cm / 7"-TFT display (projective-capacitive (PCAP)), 800 x 480 pixel(s) (WVGA), 262144 colors, Intel® Atom™ E680T 1.6 GHz, 4x USB Host 2.0, 1 x Ethernet (10/100/1000 Mbps), RJ45, Windows® Embedded Standard 7, Open platform, without bus system.

Similar figure

Commercial data

| | |
|------------------------|---------------|
| Item number | 2401561 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DRBACK |
| GTIN | 4055626278902 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|----------|
| Product type | Panel PC |
| Application | Rugged |

Computer data

| | |
|---------------------|------------------------------|
| Processor | Intel® Atom™ E680T 1.6 GHz |
| Operating system | Windows® Embedded Standard 7 |
| RAM | 2 GB DDR2 |
| Data storage system | SATA DOM SSD (SLC), 8 GB |
| Slots | 1x SD |

Display

| | |
|-----------------------|--|
| Display type | 17.8 cm / 7"-TFT |
| Screen resolution | 800 x 480 Pixel(s) (WVGA) |
| Touch technology | projective-capacitive (PCAP) |
| Display lighting type | LED |
| Brightness | 400 cd/m ² , typical (adjustable) |
| MTBF | 50000 h |
| Color spectrum | 262144 colors |
| Reading angle left | 70.00 ° |
| Reading angle right | 70.00 ° |
| Reading angle top | 60.00 ° |
| Reading angle bottom | 60.00 ° |

System properties

| | |
|---------------|---------------|
| User software | Open platform |
|---------------|---------------|

Electrical properties

| | |
|-------------------------|-------------------|
| Service life of battery | 5 years (typical) |
|-------------------------|-------------------|

Supply

| | |
|-----------------------------|---------------|
| Power supply unit | 24 V DC ±20 % |
| Typical current consumption | 0.5 A |

Real-time clock

| | |
|----------------|-----|
| Realtime clock | Yes |
|----------------|-----|

Interfaces

| | |
|------------|---------------------------------------|
| Interfaces | 4x USB Host 2.0 |
| Network | 1 x Ethernet (10/100/1000 Mbps), RJ45 |
| Bus system | without bus system |

Dimensions

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External dimensions

| | |
|------------------------|--|
| Width / Height / Depth | 234 mm / 174 mm / 6 mm (Dimensions of the front plate) |
|------------------------|--|

Installation dimensions

| | |
|-------------------------------------|---|
| Width / Height / Installation depth | 200 mm / 140 mm / 82 mm (Mounting cutout, depth with bus if bus system present in the device) |
|-------------------------------------|---|

Environmental and real-life conditions

Ambient conditions

| | |
|---|--------------------------------------|
| Degree of protection | IP67 (front), IP20 (back) NEMA 4X |
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -30 °C ... 80 °C |
| Altitude | 4000 m |
| Permissible humidity (operation) | 20 % ... 85 % |
| Shock | 15g, according to IEC 60068-2-27 |
| Vibration (operation) | 1g, according to EN 60068-2-6 |

Mounting

| | |
|---------------|-------------|
| Mounting type | Bolt fixing |
|---------------|-------------|

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Environmental product compliance

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-15 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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