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Shiningintl Industrial Pad Product Specification

Model No.(Subject)SMT1

Product Pictures



Product Appearance

| Type            | Details       | Standard Configuration   | Optional |
|-----------------|---------------|--|----------|
| Product Form    | Product Form  | rugged tablet PC   | NA       |
|                 | Dimension     | 230*138*17mm   | NA       |
|                 | Weight        | 648g   | NA       |
|                 | Product Color | black+grey/black+red   | Optional |
| LCD             | Screen Size   | 8 inch 16:10   | NA       |
|                 | Resolution    | 1920*1200 IPS screen   | NA       |
|                 | Brightness    | 450Nits  |          |
| TP              | Touch panel   | 5 points capacity TP, G+FF, hardness over than 7H, scratch resistant, , TP thickness: 1.1mm, COF | NA       |
| Camera          | Front         | 5.0MP  |          |
|                 | Rear          | 13.0MP, auto focus and flash light   |          |
| Speaker         | Built-in      | Built-in 8Ω/1W waterproof speaker x 1  | NA       |
| Microphone      | Built-in      | Sensitivity: -43db, output impedance 2.2kΩ   | NA       |
| Battery(tablet) | Type          | Built-in Li-polymer battery  | NA       |
|                 | Capacity      | 3.8V/7400mAh   | NA       |
|                 | Endurance     | nearly 10 hours ( 50% volume sounds, Max lumens brightness, 1080P HD video display by default )  | NA       |

System Hardware Configuration

| Type                  | Details  | Descriptions   | Optional |
|-----------------------|----------|--|----------|
| CPU                   | Type     | MTK6762 4G Octa core   | NA       |
|                       | Speed    | 2.0GHZ   | NA       |
| GPU                   | type     | ARM® Cortex-A53  | NA       |
| RAM                   | LPDDR3   | 4GB  | NA       |
| ROM                   | Emmc     | 64GB   | NA       |
| Indicator light       | Built-in | indicator light: red light flashing when low power, red light always on when power more than 20% ,green light always on when fully charged | NA       |
| L-Sensor              | Built-in | Light-Sensor   | Optional |
| M-Sensor              | Built-in | M-Sensor (compass)   | Optional |
| Gyroscope             | Built-in | gyroscope  | Optional |
| G_sensor              | Built-in | G_sensor   | NA       |
| Thermometer           | Built-in | Thermometer  | Optional |
| Two-dimension barcode | Built-in | Two-dimension barcode  | Optional |
| NFC                   | Built-in | support, NXP NFC   | Optional |
| Barometer             | Built-in | Barometer  | Optional |
| Fingerprint           | Built-in | support (Front)  | Optional |

Internet Connections

| Type       | Details     | Descriptions  | Optional                                  |
|------------|-------------|---|---|
| WIFI       | WIFI module | WIFI 802.11(a/b/g/n) frequency 2.4G+5.8G dual-frequency WIFI, Transmission distance: >20m   | NA  |
| Bluetooth  | Built-in    | BT5.0 (BLE) class1.5 Transmission distance: 10m   | NA  |
| 2G/3G/4G   | Built-in    | GSM quad-frequency & WCDMA quad-frequency & TD-S (B34, B39) &EVDO & TDD (B38, B39, B40, B41) & FDD (B1, B2, B3, B4, B5, B7, B8, B 17, B 20) | Optional                                  |
| Navigation | Built-in    | MT6625L 4 in 1 support chip set, GPS, BeiDou, Glonass   | GPS, BeiDou, Glonass: select two in three |

Data Collection

| Type | Details | Descriptions | Optional |
|------|---------|--------------|----------|
|------|---------|--------------|----------|

I/O Ports

| Type | Details | Descriptions | Optional |
|------|---------|--------------|----------|
|------|---------|--------------|----------|

|   |  |   |                   |
|---|--|---|-------------------|
| TF Card   | Extending external storage                   | support TF x1 pc, max: 512GB  | NA                |
| USB port  | Extending external storage and data exchange | Type-C USB *1 (Host) / 5V 2A  | NA                |
| Earphone Jack   | audio output                                 | ø3.5mm standard earphone jack x1  | NA                |
| DC jack   | power  | DC 5V 2A ø3.5mm DC jack x1  | NA                |
| Extension interface   | pogo Pin                                     | NA  | 14pin Pogo Pin x1 |
| <b>Standard Accessories</b>   |  |   |                   |
| <b>Type</b>   | <b>Details</b>                               | <b>Descriptions</b>   | <b>Optional</b>   |
| OTG cable   | OTG cable                                    | USB OTG turn type-C USB cable length 25mm   | NA                |
| USB cable   | USB cable                                    | USB turn micro 5P L=1M 4 wires with aluminium foil and shielding                          | NA                |
| Adapter   | Standard                                     | AC100V ~ 240V, 50Hz/60Hz Output DC 5V/2A the European standard with CE、CCC、UL certificate |                   |
| <b>Software Configuration</b>   |  |   |                   |
| <b>Type</b>   | <b>Details</b>                               | <b>Descriptions</b>   | <b>Optional</b>   |
| Operation System  | Operation System                             | Android 9.0   |                   |
| <b>Product Certificate</b>  |  |   |                   |
| <b>Type</b>   | <b>Details</b>                               | <b>Descriptions</b>   | <b>Optional</b>   |
| Certificates System   | IP67   | IP67  | NA                |
|   | CE /CCC/UL NB                                | Y   |                   |
|   | MIL-STD-810G                                 | Y   |                   |
|   | Battery                                      | UN38.3, MSDS, Aviation report, Sea transportation report, IEC62133                        |                   |
| <b>Reliability</b>  |  |   |                   |
| <b>Type</b>   | <b>Details</b>                               | <b>Descriptions</b>   | <b>Optional</b>   |
| Product reliability   | Falling height                               | from 100cm height to marble floor with booting status                                     |                   |
|   | Working temperature                          | -20 °C to 60 °C   |                   |
|   | Storage temperature                          | -30 °C to 70 °C   |                   |
|   | Humidity                                     | Humidity: 95% Non-Condensing  |                   |
| Features:   |  |   |                   |
| 1.support Android 9.0 system<br>2.support standard USB port<br>3.support NXP NFC(13.56M)<br>4.support GPS navigation<br>5.support 2D barcode scanner(Optional)<br>6.rugged IP67 grade<br>7.support hand/shoulder/back strap |  |   |                   |