



PTH-2080A

Intel® Atom™ Z510 1.1 GHz CPU based Automotive PC



FEATURES

- 8" TFT sunlight readable LCD touch screen
- Intel® Atom™ Z510 1.1GHz Processor
- Pre-installed Windows® XP Embedded
- Built-in HSUPA/GPRS/GSM, Wi-Fi® and Bluetooth®
- Built-in 32-channel GPS Receiver
- Optional DTV Support DVB-T, CMMB Module
- Supports On-Board Diagnostic (OBD)

ORDERING GUIDE

Standard

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SYSTEM

| | |
|---------------------------------|---|
| LCD Size | 8" TFT-LCD (Sunlight readable) |
| Brightness (cd/m ²) | 600 cd/m ² High Brightness |
| Max Resolution | 800 x 480 pixels WVGA |
| Viewing Angle | 60/60/50/50 Deg. |
| Touch Screen | 5-Wire Resistive Type Touch |
| CPU | Intel® Atom™ Z510 1.1 GHz |
| Chipset | Intel® US15WP |
| Operating System | Microsoft® Windows® XP Embedded |
| Memory | 1 GB DDR2 533 MHz On-board |
| Storage | 4 GB CompactFlash® SD Card Slot |
| Wireless | Wi-Fi® 802.11 b/g, Bluetooth® V2.0+ EDR (Class 1) WCDMA/HSUPA, GPS w/ Internal Antenna |
| Audio | 1 x Line-in, 1 x Line-out, 1 x 3 W Speaker |
| Digital TV | DVB-T, CMMB Module (Optional) |
| Camera | 0.3 Megapixel CMOS Camera |
| LAN | 1 x 10/100/1000 Mbps GbE RJ-45 |

I/O

| | |
|--------|---|
| Serial | 1 x DB-9 OBD-II, 1 x DB-9 RS-232/422/485 (Software selectable w/ 5V DC) |
| USB | 2x USB 2.0 ports |

Mechanical

| | |
|--------------------------|--|
| Cigarette Lighter Power | Cigarette Lighter Power Cable DC 9~30V |
| ACC Power | Manual power mode and ignition detection supported ACC power on/off mode with software configurable delay time |
| Power Adapter | 12V@3A@36W (Optional) |
| Operating Temperature | -20°C to +60°C |
| Storage Temperature | -30°C to +70°C |
| Humidity | 5%~95% non-condensing |
| Environmental Protection | IP54 compliant front panel (Water, dust and splash resistant) |
| Dimensions / Weight | 261 x 162 x 44 (LxWxH) (mm) / 1730 g |



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