

VBOX-3130

Intel Braswell N-Series Atom CPU In-Vehicle Computer with 9~36V DC Input In-Vehicle Computer

Features

- Intel N3710 Quad Core CPU up to 2.56GHz
- Wireless support LTE, 3.5G, WLAN, GPS, GSM/ GPRS, Bluetooth
- 9V - 36V DC Power Input
- Smarter Vehicle Power Ignition for Variety Vehicle
- 3 x RS-232 (COM1 & COM2 with 232/422/485)
- 2 x DI / 2 x DO (12V / 100mA)



Power Ignition



Wide Range



Wireless



Battery Backup

Taiwan Patent No. M447854



| System | |
|-------------------|---|
| CPU | Intel N3710 Quad Core CPU up to 2.56GHz Intel N3160 Quad Core CPU up to 2.24GHz Intel N3060 Dual Core CPU up to 2.48GHz |
| Memory | 1 x DDR3L-1600 SO-DIMM up to 8GB |
| Chipset | N/A |
| Graphics | Intel HD Graphics |
| ATA | 2 x Serial ATA 2.0 Ports with 6Gb/s HDD transfer Rate |
| LAN Chipset | 2 x Intel i210-AT Gigabit Ethernet |
| Watchdog | 1 ~ 255 Level Reset |
| I/O | |
| Serial Port | 3 x RS-232 (COM1 & COM2 with RS-232/422/485) |
| USB Port | 2 x USB 3.0, 1 x USB 2.0 |
| LAN | 2 x RJ45 Ports for GbE |
| Video Port | 1 x HDMI and 1 x DVI-I* |
| GPIO Port | 2 In and 2 Out (12V / 100mA) |
| Audio | Mic-in/Line-out |
| Expansion Bus | 3 x Mini-card Slots |
| Antenna | 4 x SMA-type External Antenna Connectors for LTE / WLAN / UMTS / GSM / GPRS / GPS / Bluetooth |
| SIM Card Socket | 2 x SIM Card Sockets Supported Onboard with eject |
| | *Use only with Single Link DVI Cables. |
| Power Requirement | |
| Power Input | 9V - 36V DC Power Input |
| Power Management | Vehicle Power Ignition for Variety Vehicle |
| Power Off Control | Power off Delay Time Setting by Software, Default is 5 Mins |
| Backup Battery | Internal Battery Kit for 10 Mins Operating (Optional) Patent No. : M447854 - Build-in Battery |

| Storage | |
|----------------------|--|
| Type | 1 x 2.5" Drive Bay for SATA Type Hard Disk Drive/SSD 1 x SATA DOM |
| Software | |
| Operating System | Windows 7, WES 7, Windows 10, Ubuntu 16.04 above |
| Environmental | |
| Operating Temp. | -40 ~ 70°C (SSD), ambient w/ 0.6m/s airflow |
| Storage Temp. | -40 ~ 80°C |
| Relative Humidity | 10 ~ 90% (non-condensing) |
| Vibration (random) | IEC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis with SSD |
| Vibration Operating | MIL-STD-810G, Method 514.6, Procedure I, Category 4 |
| Shock | Operating: MIL-STD-810G, Method 516.6, Procedure I, Trucks and semi-trailers=15G (11ms) with SSD |
| Mechanical | |
| Construction | Aluminum Alloy |
| Mounting | Wall-mount, VESA-mount, Din Rail Mounting Kit |
| Weight | 1406 g |
| Dimensions | 182(L) x 167.6(W) x 54(H) mm |
| Ordering Information | |
| Part Number | VBOX-3130-000 |
| Description | Intel Braswell N-Series Atom CPU In-Vehicle Computer with 9~36V DC Input In-Vehicle Computer |
| State of Origin | Made in Taiwan |

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