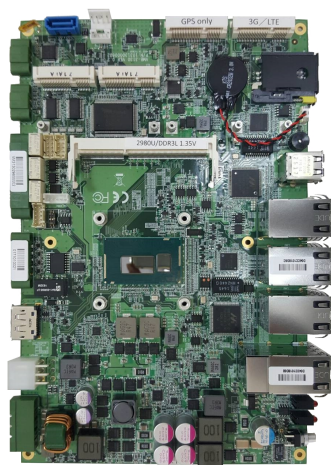


VMB-3130-2980U

Intel Haswell 2980U CPU In-Vehicle motherboard w/ 8 x LAN including 2 x POE



Power Ignition



Wide Range



Wireless

Distributed by:



Features

- Intel Gen 4 Dual Core CPU up to 1.6GHz
- Wireless support LTE, 3.5G, WLAN, GPS, GSM/GPRS, Bluetooth
- 8 x RJ45 LAN including 2 x PoE(802.3af)
- Smarter Vehicle Power Ignition for Variety Vehicle
- 3 x RS-232 (COM1 & COM2 with 232/422/485)
- 9V - 36V DC Power Input

System

CPU	Intel Gen4 dual core 2980U 1.6GHz
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	8 x RJ45 Ports for GbE (LAN1 & LAN2 with PoE)
Video Port	1 x DP
GPIO Port	4 In and 3 Out
Audio	Mic-in/Line-out
Expansion Bus	4 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

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)

Qualification

Certifications	CE, FCC Class A
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Storage

Type	1 x 2.5" Drive Bay for SATA Type Hard Disk Drive / SSD 1 x SATA DOM
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Software

Operating System	Windows 7, WES 7, Windows 10, Ubuntu 14.04 above
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Environmental

Operating Temp.	-40 ~ 70°C (SSD), ambient w/ air
Storage Temp.	-40 ~ 80°C
Relative Humidity	10 ~ 90% (non-condensing)
Vibration(random)	2.5g@5~500 Hz with SSD
Vibration Operating	MIL-STD-810G, Method 514.5, Category 20, Ground Vehicle-Highway
Truck Storage	MIL-STD-810G, Method 514.5, Category 24, Integrity Test
Shock	Operating: MIL-STD-810G, Method 516.5, Procedure I, Trucks and semi-trailers=15G (11ms) with SSD
Crash Hazard	MIL-STD-810G, Method 516.5, Procedure V, Ground equipment=100g

Mechanical

Weight	800 g
Dimensions	225 x 146 x 35 mm

Ordering Information

Part Number	603130030120
Description	Intel Haswell 2980U CPU In-Vehicle motherboard 9~36V DC Input

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