

PowerBrick ATOM 5.0

Intel Cedar Trail Dual Core D2550 1.8GHz CPU On-Board Rugged Computer



Power Ignition



Wide Range



Wireless



Features

- Intel Cedar Trail Dual Core D2550 1.8GHz
- Wireless Support LTE, 3.5G w/ WLAN, GPS, GSM/GPRS
- Vehicle Power Ignition for Variety Vehicle
- 9V - 32V DC Power Input
- Small Size and Light Weight
- Support 1 x DVR with Four Channels (Optional)

System

CPU	Intel Cedar Trail Dual Core D2550 1.8 GHz, 1M L2 Cache
Memory	1 x DDR3 800/1066 MHz SDRAM up to 4 GB
Chipset	NM10 Express Chipset
LAN Chipset	Intel 82571 Ethernet Controllers Onboard Support Wol, Teaming and PXE

Power Requirements

Power Input	9V - 32V DC Power Input
Power Management	Vehicle Power Ignition for Variety Vehicle
Adaptor	5.0A DC12V Output 60W (Optional)

Environmental

Operating Temp.	0°C ~ 60°C (32 °F ~ 140 °F)
Storage Temp.	-20°C ~ 60°C (-4 °F ~ 140 °F)
Relative Humidity	10% RH– 93% RH
Vibration(Random)	0.5grms @5~500 Hz with SSD
Shock	20 G, Half sine, 11ms IEC60068-2-27
Certifications	CE, FCC Class A

I/O

Serial Port	4 x RS-232 (2 with RS-485 /RS-422)
USB Port	6 x USB 2.0 Ports
LAN	2 x RJ45 Ports for GbE
Video Port	1 x DVI-I + VGA Display Port 1 x HDMI Port (Support Dual Independent Display)
Antenna	2 x Antenna Holes
Audio	1 x Line-out and 1 x Mic-in (Line-in Optional)
Mini-PCle Socket	1 x (Support Optional Wifi or 3.5 G Module or DVR)

Mechanical

Construction	Aluminum alloy
Mounting	2 X Metal Mount Bar
Weight	Less than 4 LBS
Dimensions	185 (7.28") x 131 (5.2") x 54 (2.13") mm

DVR (Optional)

DVR	Mini-Module DVR Card with Four Channels Cameras with Audio for Surveillance System Software Solution Package
AcuVision	Full Detection Features Surveillance System (Detailed Information in PowerBrick Atom 5.0 CV Brochure)

Storage

Type	1 x 2.5" Drive for SATA Type HDD / SSD, 1 x External CFast Socket (Screwed Type) (Optional)
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Support Information



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