NRM307

Intel® Core™ Gen 8 i7-8700T Core 6,
Three SIM- card slots, Dual WWAN,
GPS, LTE, 8-port PoE, Power Ignition,
Raid 0,1,5,10

Intel® Core™ i7processor

Hot-Swappable HDD

2 x 2.5" HDD drive bay

Why DivioTec?

DivioTec's aim is to transcend the capabilities of the human eye and deliver an entirely new field of view. Our integrative skills and our 20 years of industry experience are constantly driving new innovations.

Our simple, easy-to-use interfaces and our rock-solid security hardware are rapidly earning the respect and confidence of our clients.

We also make a point of listening carefully to our customers' needs, applying what we learn to develop outstanding new products and a culture of exceptional service.

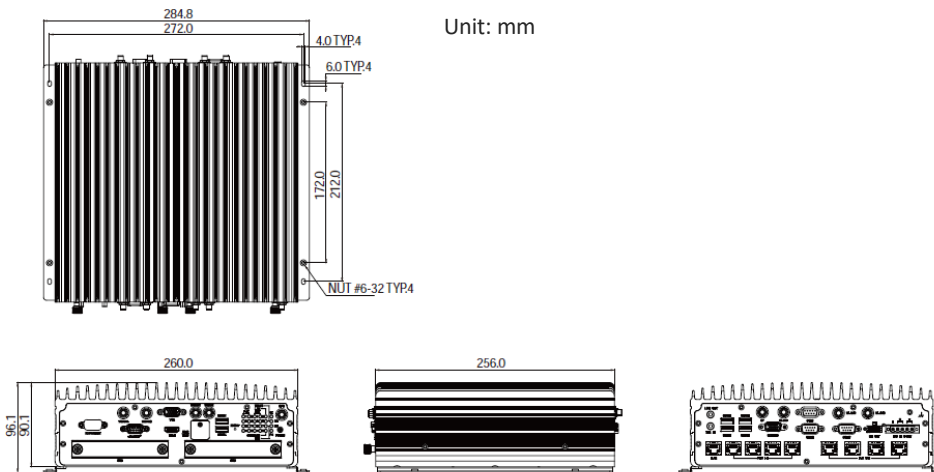At DivioTec, our experience is your protection.

- Intel Core Gen 8, desktop, i7-8700T, 2.4GHz, Core 6
- 8-port PoE GbE 802.3af/at(60W), 1xExternal GbE LAN port
- 1x VGA port in 1920 x 1200@60Hz
- 1x HDMI video out
- 2xExternal SSD and 2xmSATA for Raid 0, 1, 5, 10
- 2xWWAN module and 3xSIM socket with eSIM option
- Built-in GPS Dead Reckoning, GSM/GPRS, G sensor
- 6V - 36V DC Power Input
- Smart Vehicle Power Ignition for Variety Vehicle
- Power Ignition/ Power Management
- Delay time on/off
- Support Dual Hot Swappable SATA Storage
- Support Power over DVI cable to monitor
- Support 1 x CAN Bus (OBDII) 2.0B (Optional)
- Isolated for power, Serial& I/O port

CPU/Chipset	Intel® Core™ 8th Gen. i7-8700T, 2.4GHz, 35W, 6 Core Intel® Q370 platform controller hub
Memory	2-Channel 204-pin DDR4 SO-DMIM sockets (Per channel up to 16GB)
LAN Chipset	8 x PoE 10/100/1000 Mbps 802.3af/at (Max. 60W) 1x External LAN, 10/100/1000 Mbps
I/O Interface-front	24 LED indicators (including 4 x programmable LED) 1 x HDMI 1.4b. 1 x VGA 1 x ultraONE+ for 10M video + audio output + 24VDC output 2 x USB 3.1 type A (5V/1A) 2 x Externally accessible SIM card sockets 2 x 2.5" removable SSD tray :1 x Reset button; 1 x Power button; 5 x SMA antenna
I/O Interface-Back	8 x PoE 802.3af/at (Max. 60W) 1-Port LAN, 10/100/1000 Mbps 1 x 5-pin terminal block for 9V~36V DC 1 x Mic-in, 1 x Line-out 4 x 2 connector for 12VDC/2A output, power button, 2 x MDI 2 x DB9 for full RS232 1 x DB9 for full RS232/422/485 (RI, 5V/0.5A, 12V/0.5A) 1 x DB15 1 x Isolated CANBus 2.0B 1 x GPS DR 4 x DI and 4 x DO 4 x SMA antenna 4 x USB 3.1 type A (5V/1A)
Audio	1 x Line-out, 1 x Line-in and 1 x Mic-in
Power Input Power Protection	6~36VDC input Nominal voltage: 9~36V Cranking voltage: 6V (less than 30 seconds continuous operation) Reverse protection/Over voltage protection OCP with field replaceable fuse UVP with programmable threshold setting System wakes up event Ignition switch RTC timer ALARM interrupt Cellular SMS wakeup signal Wake up on LAN (LAN 1)
Storage	2x2.5" SATA 3.0 external SSD, 2xmSATA, Support Raid 0,1,5,10
Power Input	6~36V DC input (184.92W+ 60WPoE)
Power Protection	Automatics Recovery Short Circuit Protection
Power Management	Vehicle Power Ignition for Variety Vehicle
Power Off Control	Power off Delay Time Setting by BIOS and Software Utility
GPS	**M8N on board** Controller: Ublox NEO-M8N Support GPS / Gloness / QZSS / Galileo / Beidou; Parallel reception of multiple GNSS Proprietary integration module UART interface with default baud rate: 9600 MMCX antenna port Support programmable power On/Off, hardware reset control
Power Output	DC12V/2A max.
Watch Dog	Watchdog Timer Support, Offer 1 – 255 Step

Vibration	2.5g@5~500 Hz with SSD
Vibration Operating	Operating temperatures -30°C~60°C (w/industrial SSD) with air flow Storage temperatures: -40°C~80°C Relative humidity: 90% (non-condensing) Vibration (random) 2g@5~500 Hz (in operation, SSD) Vibration (SSD) Operating: MIL-STD-810G, Method 514.6, Category 4, common carrier US highway truck vibration exposure Storage: MIL-STD-810G, Method 514.6, Category 24, minimum integrity test Shock (SSD) Operating: MIL-STD-810G, Method 516.6, Procedure I, functional shock=40g Non-operating: MIL-STD-810G, Method 516.6, Procedure V, crash hazard shock test=75g
Construction	Aluminum Alloy
Mounting	Wall-mount, VESA-mount
Humidity	IEC60068-2-3, Damp Heat Steady State Test 40C, 95%, 48Hrs
Dimension/Weight	260 x256 x 90.1 (WxDxH) mm without mount bracket / 284.8x256x96.1(WxDxH) mm with mount bracket; 6.3Kg
Certification	CE, FCC Class A, E-Mark 13
Ordering information	NRM307

Demension Drawing

Unit: mm

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Specifications are subject to change without notice.
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