

Features

- Featuring with industrial-grade Atheros's AR9582 chipset
- Integrated with 2x 2 900M high power Radio Card
- 905MHz to 925MHz Frequency Range
- 2 x MMCX Connectors
- 5M/10M/20MHz Bandwidth
- Support 11AN
- RoHS compliance ensure a high level protection of human health and the environment from risks that can be posed by chemicals



Applications

- Security Surveillance
- Commercial radio coverage
- Hotel Wireless application
- Country coverage
- Forest fire protection engineering
- Some special scene application

Product Description

DR882-NAS based on AR9582 chipset is an enterprise wireless module integrated with 2x2 900M high power Radio card designed specifically to provide users with mobile access to high-bandwidth video streaming, voice, and data transmission for office and challenging RF environment in factories, warehouses establishment.

Absolute Maximum Rating

Parameter	Rating	Unit
Supply Voltage	3.3V(MINIPCIE)	V
Operating Temperature Range	-40 to +60	°C
Storage Temperature Range	-65 to +105	°C
Operating Humidity Range	5 to +95 (non-condensing)	%

Storage Humidity Range	0 to +90 (non-condensing)	%
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Hardware Specifications

Symbol	Parameter
CPU	AR9582
Antenna Connector	2 x MMCX connectors
ROHS Compliance	YES
Dimension	79mm x 51mm x 10mm

Radio TX Specifications(905MHz-925MHz)

Operating Mode	Data Rate	Power		Tolerance
		1 Chain	2 Chains	
802.11a	6 Mbps	25dBm	28dbm	±2dB
	54 Mbps	21dBm	24dbm	±2dB
802.11n HT20	MCS0, MCS8	25dBm	28dbm	±2dB
	MCS7, MCS15	20dBm	23dbm	±2dB

Radio RX Specifications(905MHz-925MHz)

Operating Mode	Data Rate	Sensitivity
802.11a	6 Mbps	-96dBm
	54 Mbps	-78dBm
802.11n HT20	MCS0, MCS8	-92dBm
	MCS7, MCS15	-73dBm