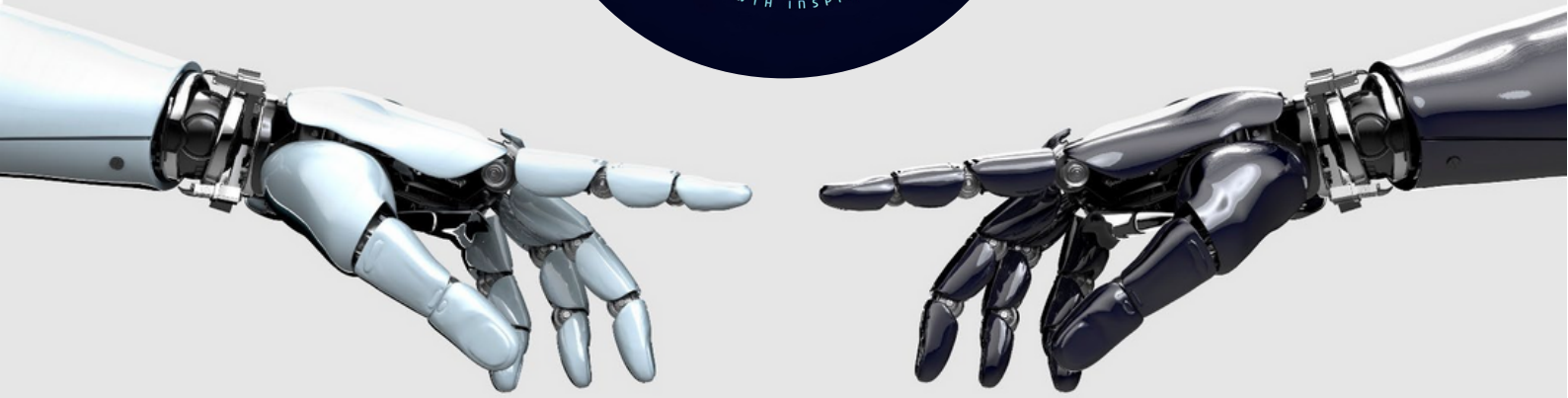




5GLAB



Power



Pharmacy



Health



Agriculture



Education

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5G - NIB Specifications

RAN Specifications	
General	Description
3gpp release	16
Technology	5G NR
Band	N78 (3.3-3.8 GHz)
Architecture	Integrated RAN
Mode	TDD
Sectors	1
MIMO	2T2R
Mimo modes	SU-MIMO
RF power	2x24 dBm
No. of CC	1
Bandwidth	10, 20,30, 40, 60, 80, 100 MHz
SubCarrier Spacing	30 KHz
Synchronization	GPS, SyncE and IEEE1588v2
No.of layers (DL/UL)	2/1
QAM (DL/UL)	256/64
Users/TTI	4





5G - NIB Specifications

SA Core Specifications	
General	Description
3gpp release	16
Modules	AMF, SMF, UDM, UDR, AUSF, etc
Performance Specifications	
General	Description
Users (Connected/Active)	~ 128
Throughput	~ 500 Gbps



Mechanical

Size	1.5 ft x 1 ft
Weight	<15 Kg
IP Rating	IP65
Type	Outdoor
Connectors	1 RJ45, 1 SFP+, 4-N type for 4x4, 1-SMA for GPS, 1-Power
Antenna	External

Description

Electrical

Power	48V, 250W
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Description