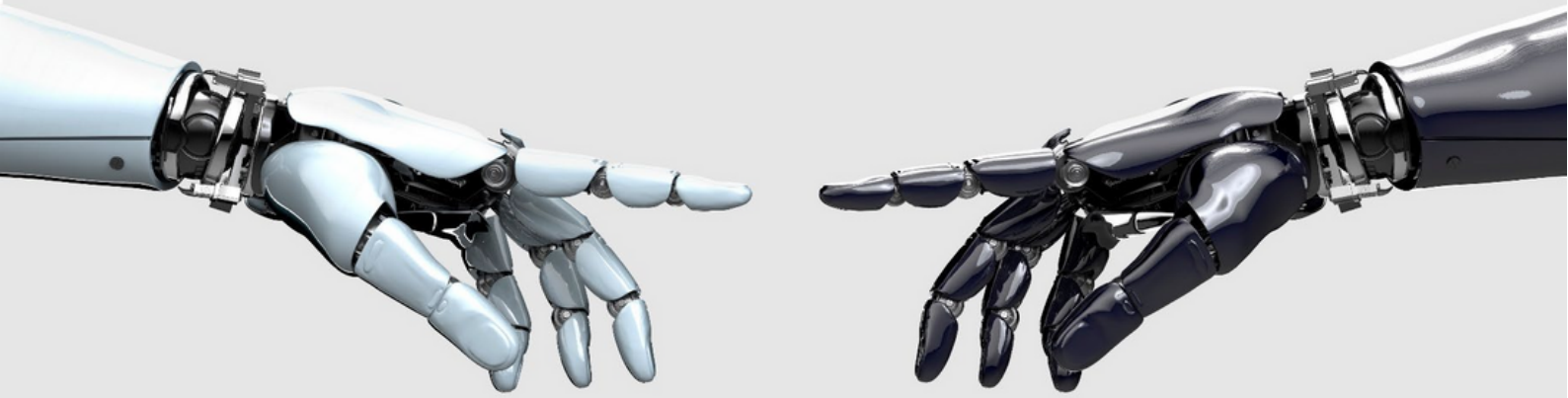




MakeMyTechnology



5G LAB



Power



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5G - gNB Specifications

General	Description
3gpp release	16
Technology	5G NR
Band	N78 (3.3-3.8 GHz)
Architecture	Integrated RAN
Mode	TDD
Sectors	1
Users (Connected/Active)	128
MIMO	4T4R
Mimo modes	SU-MIMO
RF power	4X24dBm
No. of CC	1
Bandwidth	Up to 100 MHz
SubCarrier Spacing	30 KHz
Synchronization	GPS, SyncE and IEEE1588v2
Throughput	~ 1Gbps
Interfaces	1x10G copper, or 1x10G optical
No.of layers (DL/UL)	4 or 2
QAM (DL/UL)	256/64
Users/TTI	8



Mechanical	Description
Size	1 ft x 1 ft
Weight	7 Kg
IP Rating	IP65
Type	Outdoor
Connectors	1 RJ45 or 1 SFP+, min 2-SMA for Antenna 1-SMA for GPS
Antenna	External

Electrical	Description
Power	48V, 60W