



TLC Solutions Inc.
USER FIRST TECHNOLOGY

TLC SOLUTIONS, INC.
PRODUCTS & SERVICES

WIRELESS NETWORKS

SYSTEMS INTEGRATION

PRODUCT DEVELOPMENT

CUSTOM FABRICATION

OTHER PRODUCTS
AVAILABLE

- 5G NETWORKS
- LTE NETWORK
- GSM NETWORK
- UMTS NETWORK
- EVDO NETWORK
- CDMA NETWORK
- MULTI-STANDARD CORE NETWORK
- CHATTERBOX CELLULAR TRAFFIC GENERATORS



5G SA (STAND ALONE) gNODEB DESKTOP



- *Small form Factor*
- *Combined CU/DU Support*
- *3GPP Sub-6 GHz Frequency Range*
- *Local/Centralized management GUI*
- *2x2 MIMO Configuration*

TLC Solutions' 5G SA Network Architecture supports end-to-end 5G deployments. The 5G SA gNodeB Desktop is an integrated small form factor gNodeB solution available in multiple configuration options.

The 5G SA Desktop system includes a gNodeB Desktop chassis and a Laptop used to run the CORE Network. This network setup delivers a 5G SA system ideal for laboratory testing and classroom environments.



ABOUT TLC SOLUTIONS, INC.

TLC Solutions is the leader in providing secure wireless network solutions designed specifically for portability, ease-of-use and tactical communications applications across a variety of standards including the Latest 5G systems as well as support for previous 2G, 3G, 4G and CDMA technologies.

As a small business with expertise in systems integration, RF and network engineering, hardware and software development, and custom fabrication, TLC has been producing cutting-edge communications solutions and providing outstanding support to its Government and DoD customers since its inception in 2003.

For more information on any of our products or services please visit us on the Web at:
www.toplevelcom.com



Backed by TLC Solutions' world-class integration and support services, the TLC 5G SA gNodeB Desktop is self-contained and can be ruggedized to meet requirements for deployment in harsh environment.

SYSTEM SPECIFICATIONS

5G SA (Stand Alone) gNodeB:

- Frequency Bands:
5G: n78/n79
- Carrier bandwidths:
IBW: 60Mhz/90Mhz/100Mhz
- Data speed:
DL/UL Up to 750/100 Mbps
- Antenna:
5G: Internal/External
2x2 MIMO
- RF Output Power:
5G: up to +24 dBm per port
- Active Users:
64
- Backhaul:
10G SFP+/2.5G WAN/1G LAN

Power

- Power Supply
DC 12V/POE++
- Power Consumption
50 W

Environmental

- Operating Temperature
-5° C to +40° C
- IP Grade
IP50

Dimensions

- W250 x H250 x D65 mm

Weight

- 2kG



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