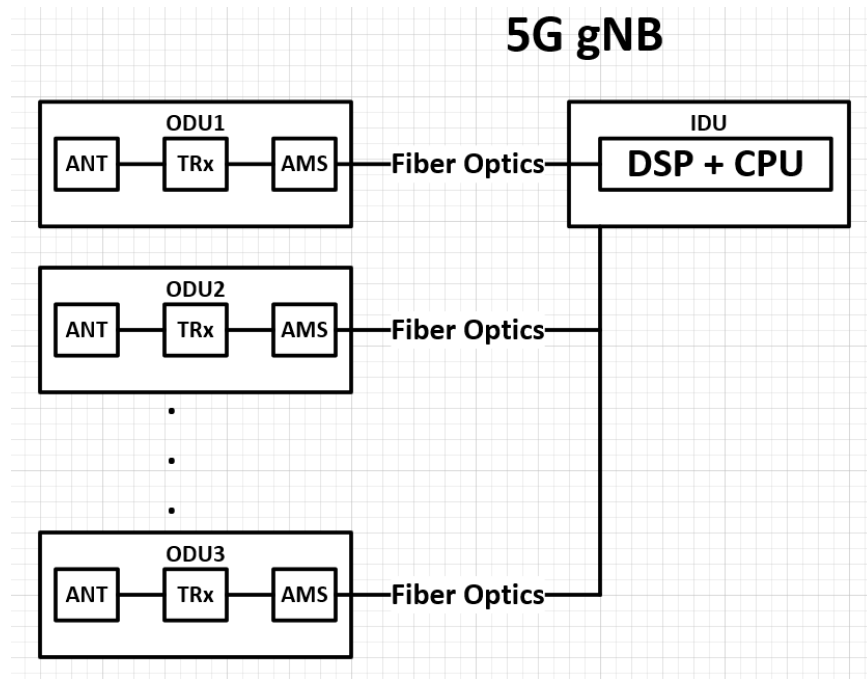


What is gNB?

gNB refers to **5G Node B** or Base Station, see below.



gNB consists of **Out Door Unit, ODU**, and **Indoor Unit, IDU**. ODU consists of **Antenna Array, ANT**, Transceiver, **TRx**, and **Analog Mixed Signal, AMS**, blocks. AMS refers to ADC and DAC which are the interfaces between digital/DSP to analog/transceiver signals.

Transceiver consists of transmit and receive radio front ends, aka 5G NR.

ODU and IDU are connected with Fiber Optics.

In fact, for reduced OPEX, many ODUs are connected to the same IDU via Fiber Optics.