Operation of Description

The product is a Notebook based on 1255U chipset platform with WIN 11.

The majority of the Notebook circuitry consists of Seven device chipsets, and

these chipsets ate divided into different functionsub-system or units. The

central processor units include the CPU, memory , EC,PD , Codec and WIFI.

The system supportDDR5 with two so-dimm conn and package on package

with the CPU at PCBA.

The wireless unit includes WIFI/BT. The AX201 is a CRF(Companion RF)

module designed to support new IEEE 802.11ax standard –WI-FI 6

technology. Delivering data rates of up to 600Mbps and increased network

capacity as well as Bluetooth 5.2 support.

For WLAN and Bluetooth: CPU send uplink data over CNVI-bus to Ax201

modulate , it to generate RFsignals over a frequency range of 5Ghz, and

amplify RF signal is by inner amplifier, then send it tothe WIFI/BT antenna

through the SAW filter. In the other way, antenna receiver signals from the air,

sendthem to the AX201 demodulate signals and transfer useful data back to

the CPU.