Compex Wi-Fi 7 Modules	WLE7000 Series	WLT7000 Series	WLW7000 Series				
	WLE7002E25D	**WLT7002E25D-E**	**WLW7002E25**	**WLW7002E56**	**WLW7000E2**	**WLW7000E5**	**WLW7000E6**
Standard	Wi-Fi 7	Wi-Fi 7	Wi-Fi 7	Wi-Fi 7	Wi-Fi 7	Wi-Fi 7	Wi-Fi 7
Band	2.4GHz + 5GHz	2.4GHz + 5GHz	2.4GHz + 5GHz	5GHz + 6GHz	2.4GHz	5GHz	6GHz
MU-MIMO	2x2 DBDC	2x2 DBDC	2x2 DBDC	2x2 DBDC	4x4	4x4	4x4
Chipset	Commercial: QCN6224/6274 Industrial: QCN9274-I	Commercial: QCN6224/6274 Industrial: QCN9274-I	Commercial: QCN6224/6274 Industrial: QCN9274	Commercial: QCN6274 Industrial: QCN9274	Commercial: QCN6224/6274 Industrial: QCN9274	Commercial: QCN6224/6274 Industrial: QCN9274	Commercial: QCN6274 Industrial: QCN9274
Reference Design	WK03.2	WK03.2	WK03.2	WK0.17	WK02.2	WK0.15	WK0.16
Interface	MiniPCIe	M.2 E Key	M.2 E Key	M.2 E Key	M.2 E Key	M.2 E Key	M.2 E Key
Power (Per Chain)	2.4GHz @ 20dBm 5Ghz @ 18dBm	2.4GHz @ 20dBm 5Ghz @ 20dBm	2.4GHz @ 22dBm 5Ghz @ 22dBm	5GHz @ 22dBm 6Ghz @ 21dBm	2.4GHz @ 22dBm	5GHz @ 22dBm	6GHz @ 22dBm
Operating Voltage	3.3V	3.3V	5V	5V	5V	5V	5V
Power Consumption	TBD	TBD	13.3W (Max)	TBD	12.3W	13W	14W
Clients	Commercial: 128 Industrial: 512	Commercial: 128 Industrial: 512	Commercial: 256 Industrial: 512	Commercial: 256 Industrial: 512	Commercial: 256 Industrial: 512	Commercial: 256 Industrial: 512	Commercial: 256 Industrial: 512
Antenna Connector	2x U.FL Connectors	2x U.FL Connectors	4x U.FL Connectors	4x U.FL Connectors	4x U.FL Connectors	4x U.FL Connectors	4x U.FL Connectors
Diplexer	✓	✓	✕	✕	✕	✕	✕
Operating Environment	Commercial: -20°C to 70°C Industrial: -40°C to 85°C	Commercial: -20°C to 70°C Industrial: -40°C to 85°C	Commercial: -20°C to 70°C Industrial: -40°C to 85°C	Commercial: -20°C to 70°C Industrial: -40°C to 85°C	Commercial: -20°C to 70°C Industrial: -40°C to 85°C	Commercial: -20°C to 70°C Industrial: -40°C to 85°C	Commercial: -20°C to 70°C Industrial: -40°C to 85°C
Certification	REACH & RoHS Compliance	REACH & RoHS Compliance	REACH & RoHS Compliance	REACH & RoHS Compliance	REACH & RoHS Compliance	REACH & RoHS Compliance	REACH & RoHS Compliance
Dimension (mm)	30 x 50.8 x 13	30 x 52 x 13.3	62.7 x 57 x 15	62.7 x 57 x 15	62.7 x 57 x 15	62.7 x 57 x 15	62.7 x 57 x 15
Linux Support	ath12k	ath12k	ath12k	ath12k	ath12k	ath12k	ath12k
Mainline Kernel	from 5.4.213 upward	from 5.4.213 upward	from 5.4.213 upward	from 5.4.213 upward	from 5.4.213 upward	from 5.4.213 upward	from 5.4.213 upward
Window Support	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available