

MAXON LINK OF YOUR THINK	WiFi 7 MX7000 High-Power M.2 Series				WiFi 7 ME7000 Standard size M.2 Series		
	info@maxon.com						
Mode	MX7000 F5	MX7000 F6	MX7000 F25	MX7000 F56	ME7000 F5	ME7000 F6	ME7000 F25
Chipset	QCN6224/6274/9274	QCN6274/9274	QCN6274/9274	QCN6274/9274	QCN6224/6274/9274	QCN6274/9274	QCN6274/9274
Standard	IEEE802.11a/n/ax/be	IEEE802.11ax/be	IEEE802.11a/n/ax/ax/be	IEEE802.11a/n/ax/be	IEEE802.11a/n/ax/be	IEEE802.11ax/be	IEEE802.11a/n/ax/ax/be
Modulation Technology	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)
MU-MIMO	4x4	4x4	2x2	2x2	2x2	2x2	2x2
Output (Per chain)	23dBm	23dBm	23dBm	23dBm	20dBm	20dBm	20dBm
Bandwidth	20/40/80/160/240MHz	20/40/80/160/320MHz	20/40/80/160MHz	20/40/80/160/320MHz	20/40/80/160/240MHz	20/40/80/160/320MHz	20/40MHz at 2.4GHz 20/40/80/160/240MHz at 5GHz
Frequency Range	5180~5320MHz, 5745~5825MHz (CN)	5.925~7.125MHz	2.412-2.472GHz, 5180~5320MHz, 5745~5825MHz (CN)	5180~5825MHz, 5.925~7.125MHz	5180~5320MHz, 5745~5825MHz (CN)	5.925~7.125MHz	2.412-2.472GHz, 5180~5320MHz, 5745~5825MHz (CN)
Throughput	8647Mbps	11530Mbps	2.4GHz: 2x2 MU-MIMO, up to 688Mbps 5GHz: 2x2 MU-MIMO, up to 4324Mbps	5GHz: 2x2 MU-MIMO, up to 4324Mbps 6GHz: 2x2 MU-MIMO, up to 5765Mbps	8647Mbps	5765Mbps	2.4GHz: 2x2 MU-MIMO, up to 688Mbps 5GHz: 2x2 MU-MIMO, up to 4324Mbps
Interface	M.2 E Key , PCIe 3.0	M.2 E Key PCIe 3.0	M.2 E Key PCIe 3.0	M.2 E Key PCIe 3.0	M.2 E Key , PCIe 3.0	M.2 E Key PCIe 3.0	M.2 E Key PCIe 3.0
Antenna Connector	4x U.FL	4x U.FL	4x U.FL	4x U.FL	2x U.FL	2x U.FL	2x U.FL
Operating Voltage	5V	5V	5V	5V	3.3V	3.3V	3.3V
Power Consumption	≤14W	≤14W	≤14W	≤14W	≤9W	≤9W	≤9W
Temperature Range	Operating: -20~70°C/-4~158°F Storage: -40~90°C/-40~194°F	Operating: -20~70°C/-4~158°F Storage: -40~90°C/-40~194°F	Operating: -20~70°C/-4~158°F Storage: -40~90°C/-40~194°F	Operating: -20~70°C/-4~158°F Storage: -40~90°C/-40~194°F	Operating: -20~70°C/-4~158°F Storage: -40~90°C/-40~194°F	Operating: -20~70°C/-4~158°F Storage: -40~90°C/-40~194°F	Operating: -20~70°C/-4~158°F Storage: -40~90°C/-40~194°F
Operating Humidity	-5%~95% (non-condensing)	-5%~95% (non-condensing)	-5%~95% (non-condensing)	-5%~95% (non-condensing)	-5%~95% (non-condensing)	-5%~95% (non-condensing)	-5%~95% (non-condensing)
Certifications	RoHS/REACH	RoHS/REACH	RoHS/REACH	RoHS/REACH	RoHS/REACH	RoHS/REACH	RoHS/REACH
Dimensions	55.9x52.8x3mm	55.9x52.8x3mm	55.9x52.8x3mm	55.9x52.8x3mm	30x52x3.2mm	30x52x3.2mm	30x52x3.2mm

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Chipset	QCN6224/6274/9274	QCN6274/9274	QCN6274/9274	QCN6274/9274	QCN6224/6274/9274	QCN6274/9274	QCN6274/9274
Standard	IEEE802.11a/n/ax/be	IEEE802.11ax/be	IEEE802.11a/n/ax/ax/be	IEEE802.11a/n/ax/be	IEEE802.11a/n/ax/be	IEEE802.11ax/be	IEEE802.11a/n/ax/ax/be
Modulation Technology	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)	OFDMA (BPSK, QPSK, DBPSK, DQPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM)
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Interface	Mini PCIe , PCIe 3.0	Mini PCIe , PCIe 3.0	Mini PCIe , PCIe 3.0	Mini PCIe , PCIe 3.0	Mini PCIe , PCIe 3.0	Mini PCIe , PCIe 3.0	Mini PCIe , PCIe 3.0
Antenna Connector	4x U.FL	4x U.FL	4x U.FL	4x U.FL	2x U.FL	2x U.FL	2x U.FL
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Certifications	RoHS/REACH	RoHS/REACH	RoHS/REACH	RoHS/REACH	RoHS/REACH	RoHS/REACH	RoHS/REACH
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