



EM7455

4G LTE

Category	Cat-6
Frequency Bands	B1, B2, B3, B4, B5, B7, B12, B13, B20, B25, B26, B29, B30, B41

3G

1 Technology supported	WCDMA
Frequency Bands	B1, B2, B3, B4, B5, B8

DATA SPEED

Peak Download Rate	300 Mbps
Peak Upload Rate	50 Mbps

LOCATION SERVICES

Satellite Systems	GPS, Galileo, Glonass, Beidou
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SYSTEM DRIVERS

Windows® 7	✓
Windows® 8.1	✓
Windows® 10	✓
Linux	✓
Android	✓

INTERFACES

USB	USB 2.0 High Speed
GPIO	4
SIM	1

CONTROL OPTIONS

APIs, AT Commands	✓
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HARDWARE

Antenna

Connectors	Main, Aux/GNSS, GNSS
Diversity	✓
MIMO	✓
GNSS Bias	✓

TEMPERATURE RANGE

Industrial Grade	-40°C to +85°C
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APPROVALS

Regulatory	CE, FCC, GCF, IC, NCC, PTCRB
Carrier	AT&T, Bell, Rogers, Sprint, Telus, US Cellular, Verizon, Vodafone