

Basic Usage Scenarios



Device comparison



	NXS-9700-3G	NXS-9750-3G	MHD-8100-3G	NXS-9700-4G	NXS-9750-4G	MHD-8100-4G
Processor type:	ARM A53 1.2GHz (quad-core)	ARM A53 1.2GHz (quad-core)	Intel(R) Celeron(R) CPU N3350	ARM A53 1.2GHz (quad-core)	ARM A53 1.2GHz (quad-core)	Intel(R) Celeron(R) CPU N3350
Internal storage:	4GB eMMC storage	4GB eMMC storage	32GB eMMC storage	4GB eMMC storage	4GB eMMC storage	32GB eMMC storage
Modem:	1x 3G	2x 3G	8x 3G	1x 4G	2x 4G	8x 4G
Wavebands /RF Bands:	<ul style="list-style-type: none"> UMTS 800/850/900/AWS/1900/2100 MHz GSM/GPRS 850/900/1800/1900 MHz 	<ul style="list-style-type: none"> UMTS 800/850/900/AWS/1900/2100 MHz GSM/GPRS 850/900/1800/1900 MHz 	<ul style="list-style-type: none"> UMTS 800/850/900/AWS/1900/2100 MHz GSM/GPRS 850/900/1800/1900 MHz 	<ul style="list-style-type: none"> LTE FDD: 1-5, 7, 8, 12, 13, 17, 20, 25, 26, 28, 29, 30 (Rx only), 66 LTE TDD: 38, 40, 41 3G: 1, 2, 4, 5, 8 	<ul style="list-style-type: none"> LTE FDD: 1-5, 7, 8, 12, 13, 17, 20, 25, 26, 28, 29, 30 (Rx only), 66 LTE TDD: 38, 40, 41 3G: 1, 2, 4, 5, 8 	<ul style="list-style-type: none"> LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28 LTE-TDD: B38, B39, B40, B41 WCDMA: B1, B2, B4, B5, B6, B8, B19 GSM: B2, B3, B5, B8
Throughput: (maximum)	30 SMS/min Sending 30 SMS/min Receiving	60 SMS/min Sending 60 SMS/min Receiving	240 SMS/min Sending 240 SMS/min Receiving	30 SMS/min Sending 30 SMS/min Receiving	60 SMS/min Sending 60 SMS/min Receiving	240 SMS/min Sending 240 SMS/min Receiving
SIM card standard:	mini	2x mini	8x mini	mini	2x mini	8x mini
Antenna:	Omnidirectional 3.5dBi antenna with magnetic foot	2x Omnidirectional 3.5dBi antenna with magnetic foot	8x Omnidirectional 2dBi antenna	Omnidirectional 2dBi antenna with magnetic foot	2x Omnidirectional 2dBi antenna with magnetic foot	8x Omnidirectional 2dBi antenna
Antenna connector:	SMA-J	SMA-J	SMA-J	SMA-J	SMA-J	SMA-J
Network interfaces:	Ethernet 10/100/1000 TX	Ethernet 10/100/1000 TX	2x Ethernet 10/100/1000 TX	Ethernet 10/100/1000 TX	Ethernet 10/100/1000 TX	2x Ethernet 10/100/1000 TX
Other interfaces:	1x HDMI, 2x USB, 4xDI, 4x DO, 1x 1 Wire	1x HDMI, 2x USB, 4xDI, 4x DO, 1x 1 Wire	1x HDMI+DP, 2x USB 3.0	1x HDMI, 2x USB, 4xDI, 4x DO, 1x 1 Wire	1x HDMI, 2x USB, 4xDI, 4x DO, 1x 1 Wire	1x HDMI+DP, 2x USB 3.0
Linux Kernel:	4.14	4.14	4.15	4.14	4.14	4.15
Device Failover: (HA-cluster compatibility)	Yes	Yes	Yes	Yes	Yes	Yes
Modem Failover:	No	Yes	Yes	No	Yes	Yes
Multi-Modem Strategy:	No	Yes	Yes	No	Yes	Yes
Approvals:	CE, FCC, IC, RoHS, GCF (for RF-module), PTCRB (for RF-module), RCM (for RF-module)	CE, FCC, IC, RoHS, GCF (for RF-module), PTCRB (for RF-module), RCM (for RF-module)	CE, FCC, IC, RoHS, GCF (for RF-module), PTCRB (for RF-module), RCM (for RF-module)	CE, FCC, IC, RoHS, GCF (for RF-module), PTCRB (for RF-module), RCM (for RF-module)	CE, FCC, IC, RoHS, GCF (for RF-module), PTCRB (for RF-module), RCM (for RF-module)	CE, FCC, IC, RoHS, GCF (for RF-module), PTCRB (for RF-module), RCM (for RF-module)
MSRP:	649 EUR	749 EUR	1599 EUR	739 EUR	839 EUR	1699 EUR