



## Device Comparison

|                                             | NXS-9700-3G                                                                                                                   | NXS-9750-3G                                                                                                                   | NXS-9700-4G                                                                                                                                                                                                                                           | NXS-9750-4G                                                                                                                                                                                                                                           | MHD-8100-4G                                                                                                                                                                                                                                    |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor type:                             | ARM A53 1.2GHz (quad-core)                                                                                                    | ARM A53 1.2GHz (quad-core)                                                                                                    | ARM A72 1.5GHz (quad core)                                                                                                                                                                                                                            | ARM A72 1.5GHz (quad core)                                                                                                                                                                                                                            | Intel(R) Celeron(R) CPU N3350                                                                                                                                                                                                                  |
| Internal storage:                           | 4GB eMMC storage                                                                                                              | 4GB eMMC storage                                                                                                              | 16GB eMMC storage                                                                                                                                                                                                                                     | 16GB eMMC storage                                                                                                                                                                                                                                     | 32GB eMMC storage                                                                                                                                                                                                                              |
| Modem:                                      | 1x 3G                                                                                                                         | 2x 3G                                                                                                                         | 1x 4G                                                                                                                                                                                                                                                 | 2x 4G                                                                                                                                                                                                                                                 | 8x 4G                                                                                                                                                                                                                                          |
| Wavebands /RF Bands:                        | <ul style="list-style-type: none"><li>■ UMTS 800/850/900/AWS/1900/2100 MHz</li><li>■ GSM/GPRS 850/900/1800/1900 MHz</li></ul> | <ul style="list-style-type: none"><li>■ UMTS 800/850/900/AWS/1900/2100 MHz</li><li>■ GSM/GPRS 850/900/1800/1900 MHz</li></ul> | <ul style="list-style-type: none"><li>■ LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28</li><li>■ LTE-TDD: B38, B39, B40, B41</li><li>■ WCDMA: B1, B2, B4, B5, B6, B8, B19</li><li>Optional GSM: B2, B3, B5, B8</li></ul> | <ul style="list-style-type: none"><li>■ LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28</li><li>■ LTE-TDD: B38, B39, B40, B41</li><li>■ WCDMA: B1, B2, B4, B5, B6, B8, B19</li><li>Optional GSM: B2, B3, B5, B8</li></ul> | <ul style="list-style-type: none"><li>■ LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28</li><li>■ LTE-TDD: B38, B39, B40, B41</li><li>■ WCDMA: B1, B2, B4, B5, B6, B8, B19</li><li>■ GSM: B2, B3, B5, B8</li></ul> |
| Throughput: (maximum)                       | 30 SMS/min Sending<br>30 SMS/min Receiving                                                                                    | 60 SMS/min Sending<br>60 SMS/min Receiving                                                                                    | 30 SMS/min Sending<br>30 SMS/min Receiving                                                                                                                                                                                                            | 60 SMS/min Sending<br>60 SMS/min Receiving                                                                                                                                                                                                            | 240 SMS/min Sending<br>240 SMS/min Receiving                                                                                                                                                                                                   |
| SIM card standard:                          | mini                                                                                                                          | 2x mini                                                                                                                       | mini                                                                                                                                                                                                                                                  | 2x mini                                                                                                                                                                                                                                               | 8x mini                                                                                                                                                                                                                                        |
| Antenna:                                    | Omnidirectional 2dBi antenna with magnetic foot                                                                               | 2x Omnidirectional 2dBi antenna with magnetic foot                                                                            | 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                                                                                                                                                                                                                                          |
| Network interfaces:                         | Ethernet 10/100/1000 TX                                                                                                       | 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, 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                                                                                                                          | 5.1x                                                                                                                                                                                                                                                  | 5.1x                                                                                                                                                                                                                                                  | 4.15                                                                                                                                                                                                                                           |
| Device Failover: (HA-cluster compatibility) | Yes                                                                                                                           | Yes                                                                                                                           | Yes                                                                                                                                                                                                                                                   | Yes                                                                                                                                                                                                                                                   | Yes                                                                                                                                                                                                                                            |
| Modem Failover:                             | No                                                                                                                            | Yes                                                                                                                           | No                                                                                                                                                                                                                                                    | Yes                                                                                                                                                                                                                                                   | Yes                                                                                                                                                                                                                                            |
| Multi-Modem Strategy:                       | No                                                                                                                            | 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)                                                                                                                                                             |
| MSRP:                                       | 749 EUR                                                                                                                       | 849 EUR                                                                                                                       | 879 EUR                                                                                                                                                                                                                                               | 1,029 EUR                                                                                                                                                                                                                                             | 1899 EUR                                                                                                                                                                                                                                       |



Picture of NXS-9700-4G

What do you get in the price? SMSEagle package includes:

SMSEagle Hardware SMS Gateway  
Omnidirectional antenna(s)  
AC/DC Adapter (input voltage: 100-240V)  
12-month warranty (optional extension to 36-months)  
Access to free software upgrades within warranty period

Visit [www.smseagle.eu](http://www.smseagle.eu) for more details



Picture of MHD-8100-4G