



# TERIUS ENTRY



ETHERNET PORT

Available at  
**amazon**  
Prime

## HIGH SPEED Global Multichannel Router

- **1-16 channel LTE GSM Channels**
- **SIM-less worldwide coverage**
- **Ideal for mobility projects**

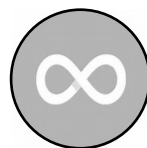
### KEY BENEFITS



**90 day plans**  
**NO hidden costs**



**90+ Countries**  
**Pay by use**



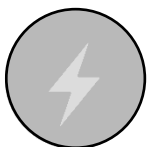
**70+ Countries**  
**Unlimited Flat**



**160+ supported  
Countries**



**12V car battery  
design**



**500+ Carriers  
supported**



**Connect via  
Ethernet Port**

#### • Bandwidth Bonding

Bandwidth Bonds multiple LTE Channels together to one big HIGH SPEED pipe.

#### • Get rid of the SIM-Card mess

Same as TARKAN, TERIUS was built on virtual software SIM-Cards, which do get dynamic loaded, fitting the best-supported GSM carrier of the country where you are using the device. It registers and provides mobile internet access to you at local cost, eliminating Roaming charges. It has access to a SIM-Card database of several thousands of SIM-Card, which ensures internet service in also difficult to cover countries.

#### • Gigabit Ethernet Port

TERIUS connects your project convenient and direct, via the "Built in" Ethernet Port.

#### • VPN

Secure your traffic with the router built in VPN, which country specific can route your traffic secure and anonymous via public unsecure networks. Ideal for corporate users, who want to connect their global networks and mobile project teams. Secures your connection. Stay invisible what you do, anywhere in the world.

#### • Flexible LTE modules

Choose from a large variety of available GSM CAT4- and CAT4 Modules (LTE Advanced for PRO Version), for optimal carrier and country support.

#### Selectable CAT4 and CAT 11 LTE modules

|                                                                     |                                                                                                                                                      |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>E-CAT4</b> - Europe, Middle East, Africa, Korea, Thailand, India | <b>4G FDD</b> B1/B3/B5/B7/B8/B20 <b>4G TDD</b> B38/B40/B41<br><b>3G WCDMA</b> B1/B5/B8 <b>GPRS/EDGE</b> B3/B8                                        |
| <b>EU-CAT4</b> - Europe, Middle East, Africa, Korea, Thailand       | <b>4G FDD</b> B1/B3/B7/B8/B20/ <b>B28A</b> <b>4G TDD</b> B38/B40/B41<br><b>3G WCDMA</b> B1/B8 <b>GPRS/EDGE</b> B3/B8                                 |
| <b>AF-CAT4</b> - North America                                      | <b>4G FDD</b> B2/B4/B5/B12/B13/B14/B66/B71 <b>4G TDD</b> none<br><b>3G WCDMA</b> B2/B4/B5 <b>GPRS/EDGE</b> none                                      |
| <b>AU-CAT4</b> - Australia, Latin America, New Zealand, Taiwan      | <b>4G FDD</b> B1/B2/B3/B4/B5/ B7/B8/B28 <b>4G TDD</b> B38/B40/B41<br><b>3G WCDMA</b> B1/B8 <b>GPRS/EDGE</b> B3/B8                                    |
| <b>J-CAT4</b> - Japan                                               | <b>4G FDD</b> B1/B3/B8/ B18/B19/ B26 <b>4G TDD</b> B41<br><b>3G WCDMA</b> B1/B6/B8/B19 <b>GPRS/EDGE</b> B3/B8                                        |
| <b>C-CAT4</b> - China                                               | <b>4G FDD</b> B1/B3/B5/B8 <b>4G TDD</b> B34/B38/B39/B40/B41<br><b>3G WCDMA</b> B1/B8 <b>GPRS/EDGE</b> B3/B8                                          |
| <b>UNI-CAT12</b> - Global (available at extra cost)                 | <b>LTE-A</b> B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B18/B19/B20/<br>B26/B28/B29/B30/B32/B41/B42/B43/B46/B48/B66<br><b>3G WCDMA</b> B1/B2/B4/B5/B6/B8/B9/B19 |
| Maximum Speeds<br>Download/Upload                                   | 4G CAT4 - 150/50 Mbps - LTE-A CAT12 - 600/150 Mbps<br>3G - HSPA+ 43.2 Mbps                                                                           |

#### European Union

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#### International

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#### FEATURES TERIUS HIGH SPEED ROUTER



|                                               | TERIUS ENTRY                                                                                                                             | TERIUS ADVANCED                                                                                                                          | TERIUS PRO                                                                                                                               |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommended Users</b>                      | 50-150                                                                                                                                   | 150-250                                                                                                                                  | 250-500                                                                                                                                  |
| <b>Aggregated Throughput</b>                  | 250 Mbps                                                                                                                                 | 500 Mbps                                                                                                                                 | 2 Gbps                                                                                                                                   |
| <b>4G/ LTE Channels</b>                       | 1 or 2 - LTE                                                                                                                             | 2 or 4 - LTE                                                                                                                             | 8 or 16 - LTE or LTE-A                                                                                                                   |
| <b>Optional useable Physical SIM Slots</b>    | -                                                                                                                                        | 2 Slots (3G only)                                                                                                                        | 8 Slots (for 3G or 4G - LTE or LTE-A) physically to be deployed                                                                          |
| <b>Antenna Connectors</b>                     | 4x SMA for LTE/ 2x SMA for UMTS                                                                                                          | 8x SMA for LTE/ 4x SMA for UMTS                                                                                                          | 20x SMA for LTE/ 2x SMA for UMTS                                                                                                         |
| <b>GPS</b>                                    | -                                                                                                                                        | -                                                                                                                                        | Optional available without extra cost                                                                                                    |
| <b>Dimensions &amp; Weight</b>                | 168 x 102 x 30 mm / 0.5 kg                                                                                                               | 400 x 325 x 90 / 8 kg<br>Rack-able 19" 2U                                                                                                | Main Unit: 400 x 325 x 90 mm / 8 kg<br>Rack-able 19" 2U<br>External Sim bank: 40 x 147 x 128 mm /500g                                    |
| <b>Power requirements</b>                     | DC 12V - 15 Watt                                                                                                                         | DC 12V- 56V - 30 Watt, integrated UPS System with Ignition Sense with LiFePo4 Backup                                                     | DC 12V- 56V - 60 Watt, integrated UPS System with Ignition Sense with LiFePo4 Backup                                                     |
| <b>LAN Interfaces</b>                         | 2x Gigabit Ethernet Port<br>(one useable at current software release)                                                                    | 2x Gigabit Ethernet Ports<br>(one useable at current software release)                                                                   | 8x configurable Gigabit Ethernet Ports                                                                                                   |
| <b>WAN Interfaces 1)</b>                      | -                                                                                                                                        | 1x Gigabit Ethernet Ports                                                                                                                | 2x Gigabit Ethernet Ports                                                                                                                |
| <b>WIFI</b>                                   | -                                                                                                                                        | WiFi 802.11 a/b/g/n 2.4GHz-5GHz<br>450 Mbps                                                                                              | WiFi 802.11 a/b/g/n/ac 2,4GHz-5GHz<br>1166 Mbps                                                                                          |
| <b>Hotspot User Management</b>                | -                                                                                                                                        | Yes                                                                                                                                      | Yes                                                                                                                                      |
| <b>Link Aggregation 2)</b>                    | Yes                                                                                                                                      | Yes                                                                                                                                      | Yes                                                                                                                                      |
| <b>Bandwidth Bonding 3)</b>                   | Optional Available for ENTRY 2 channel Version                                                                                           | Yes                                                                                                                                      | Yes                                                                                                                                      |
| <b>VPN</b>                                    | Integrated (L2TP)                                                                                                                        | integrated (L2TP)                                                                                                                        | VPN (L2TP & IPSEC) with Double Encryption and VPN MESH routing integrated                                                                |
| <b>Spread Spectrum Data Tunneling 4)</b>      | -                                                                                                                                        | Included in 4 Channel Version                                                                                                            | included                                                                                                                                 |
| <b>High Availability 5)</b>                   | Included in 2 channel version                                                                                                            | Included                                                                                                                                 | included                                                                                                                                 |
| <b>Router Functionalities</b>                 | -                                                                                                                                        | DHCP, Firewall, HotSpot Portal, Content Filter, NAT, Standard Routing                                                                    | DHCP, Firewall, HotSpot Portal, Content Filter, NAT, Advanced Routing                                                                    |
| <b>Advanced Software virtual SIM Features</b> | Automatic SIM-Card Management, depending on network load, Automatic Soft-SIM, Automatic change of Mobile Operator if no network detected | Automatic SIM-Card Management, depending on network load, Automatic Soft-SIM, Automatic change of Mobile Operator if no network detected | Automatic SIM-Card Management, depending on network load, Automatic Soft-SIM, Automatic change of Mobile Operator if no network detected |
| <b>Carrier optimization</b>                   | Round Robin Failover                                                                                                                     | Best Carrier Evaluation                                                                                                                  | Best Carrier and Frequency Evaluation                                                                                                    |
| <b>Certifications</b>                         | CE, FCC                                                                                                                                  | CE, FCC                                                                                                                                  | CE, FCC                                                                                                                                  |
| <b>Implied legal Warranties</b>               | 2 years                                                                                                                                  | 2 years                                                                                                                                  | 2 years                                                                                                                                  |

| EUROPE - 41 PRIME (51 TOTAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NORTH- / MIDDLE-AMERICA - 8 PRIME (35 TOTAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Albania, Andorra, Armenia, <b>Austria</b> , Azerbaijan, <b>Belgium</b> , <b>Bulgaria</b> , <b>Croatia</b> , <b>Cyprus</b> , <b>Czech Republic</b> , <b>Denmark</b> , <b>Estonia</b> , <b>Finland</b> , <b>France</b> , Georgia, <b>Germany</b> , <b>Greece</b> , <b>Hungary</b> , <b>Iceland</b> , <b>Ireland</b> , <b>Italy</b> , <b>Kazakhstan</b> , <b>Latvia</b> , <b>Liechtenstein</b> , <b>Lithuania</b> , <b>Luxembourg</b> , Macedonia, <b>Malta</b> , <b>Monaco</b> , <b>Netherlands</b> , <b>Norway</b> , <b>Poland</b> , <b>Portugal</b> , <b>Romania</b> , Russian Federation, <b>San Marino</b> , Serbia, <b>Slovakia</b> , <b>Slovenia</b> , <b>Spain</b> , <b>Sweden</b> , <b>Switzerland</b> , <b>Turkey</b> , Ukraine, <b>United Kingdom</b> , <b>Vatican City</b> , Faroe Islands (Denmark), <b>Gibraltar</b> , <b>Guernsey</b> , <b>Isle of Man</b> , <b>Jersey</b> | Antigua and Barbuda, Barbados, <b>Canada</b> , <b>Costa Rica</b> , Dominica, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Saint Kitts and Nevis, Santa Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, <b>United States of America</b> , Anguilla, Aruba, Bermuda, British Virgin Islands, Cayman Islands, Curacao, <b>Goudaeloupe</b> , <b>Martinique</b> , Montserrat, Puerto Rico, Saba, <b>Saint Berthelemy</b> , <b>Saint Martin</b> , <b>Sint Maarten</b> , Turks and Caicos Islands, US Virgin Islands |
| ASIA / MIDDLE-EAST - 15 PRIME (30 TOTAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AFRICA - 3 PRIME (30 TOTAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Bahrain</b> , Bangladesh, Cambodia, <b>China</b> , <b>Hong Kong</b> , India, Indonesia, <b>Iraq</b> , Israel, Japan, <b>Jordan</b> , <b>Kuwait</b> , Kyrgystan, Lebanon, <b>Macao</b> , Malaysia, <b>Oman</b> , Pakistan, <b>Phillipines</b> , <b>Qatar</b> , <b>Saudi Arabia</b> , <b>Singapore</b> , South Korea, Sri Lanka, <b>Taiwan</b> , Tajikistan, <b>Thailand</b> , <b>United Arab Emirates</b> , Uzbekistan, Yemen                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Algeria, Angola, Benin, Burkina Faso, Cape Verde, Chad, Democratic Republic of Congo, Cote d'Ivoire, <b>Egypt</b> , Guinea, Gabon, Gambia, Ghana, Kenya, Morocco, Mozambique, Namibia, Niger, Nigeria, Senegal, Seychelles, Sierra Leone, South Africa, Tanzania, Togo, Tunisia, Uganda, Zambia, <b>Reunion (France)</b> , <b>Mayotte (France)</b>                                                                                                                                                                                                                              |
| SOUTH-AMERICA - 1 PRIME (11 TOTAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | OCEANIA - 2 PRIME (3 TOTAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Argentina, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Uruguay, <b>French Guyana</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Australia</b> , Fiji, <b>New Zealand</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**NOTE:** PRIME-countries are marked **GREEN** (total of 70 for PREMIUM DEVICES)

1) Wan can get configured to add additional sources of capacity, such as a satellite modem, or a physical land line 2) Link Aggregation shares capacity load among multiple LTE channels, but not increases the total top speed per connection. 3) Bandwidth Bonding does aggregate together two physical LTE links at about 80 % of their nominal Bandwidth (Example LTE line A 10/50 Mbps + LTE line B 10/50 Mbps \*0,8 = 16/80 Mbps Total aggregated Bandwidth) 4) Spread Spectrum Data Tunneling increases VPN stability for mobility applications, but increases data volume on factor 1,8 or 3,6 5) High Availability automatically suspends data routing via disconnected LTE channels and prioritises connected channels.