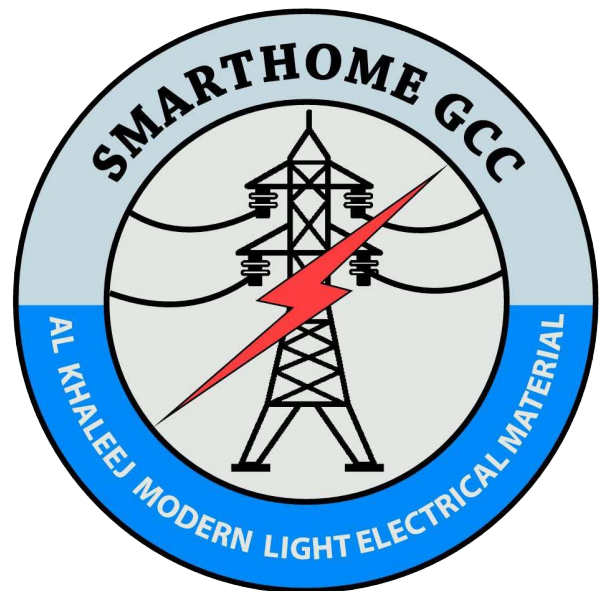


CATALOG'20



Russian designer and manufacturer  
of communication equipment



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- **28 years of experience** in designing and manufacturing telecommunication equipment
- More than **750 employees**
- **14 software development laboratories**
- **2 industrial complexes** in Novosibirsk (Russia) and Almaty (Kazakhstan)
- **More than 100 partner companies** in Russia, CIS, Europe, Asia and the Middle East
- **More than 1500 client companies**



### Development

- Hardware
- Software



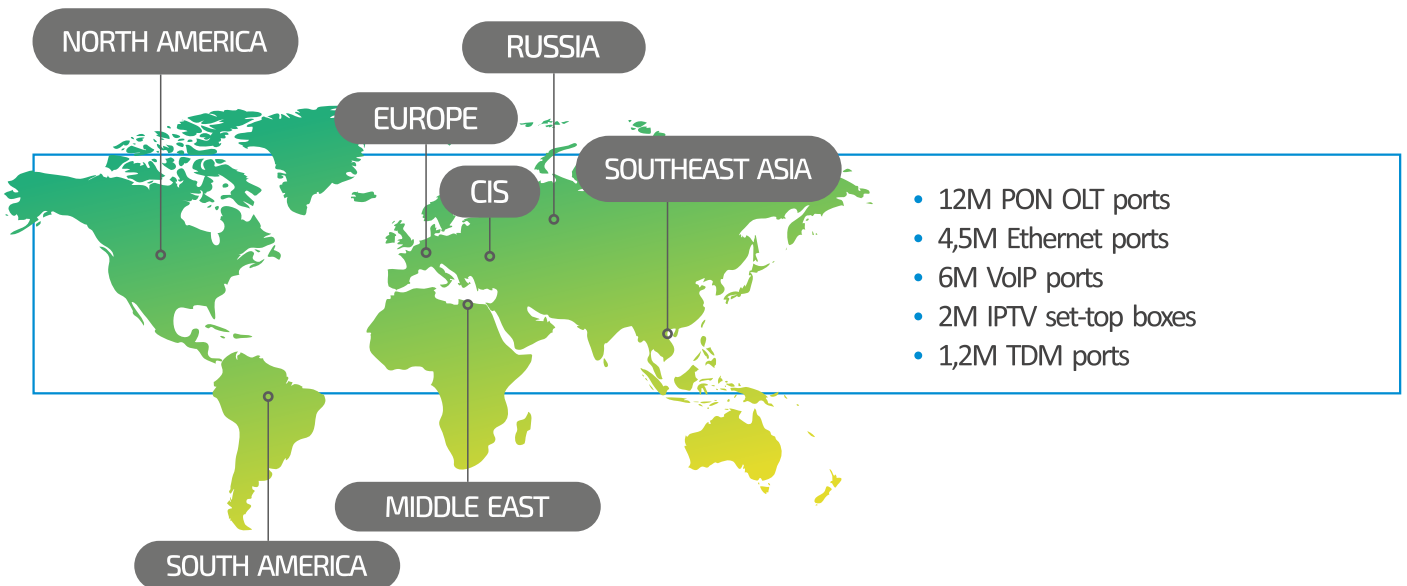
### Manufacture

- Surface-mount technology
- Through-hole technology
- Assembling
- Software installation
- Testing of serial production equipment



### Maintenance

- Technical support
- Service center
- Software updating
- Repair





# ME SERIES UNIVERSAL ROUTERS



The routers are included in ME5000 series and have the uniform software and management interfaces. ME5100 devices support for full range of functions – IPv4/IPv6 routing, hierarchic QoS, IP Multicast routing as well as L2 and L3 MPLS services.

	ME5100	ME5200	ME5000
<b>Form factor</b>	19", 2U Eurorack	19", 2U Eurorack	19", 15U Eurorack, modular
<b>Crate contents</b>			<ul style="list-style-type: none"> <li>• up to 2 management and switching modules (FMC)</li> <li>• up to 12 linear cards</li> </ul>
<b>Performance</b>	300 Mpps 200 Gbps	720 Mpps 720 Gbps	Up to 2.8 Tbps on the crate with installation of two FMC16 modules
<b>Functional parameters</b>	<ul style="list-style-type: none"> <li>• CPU 1500 MHz</li> <li>• 8 GB RAM</li> <li>• Up to 1M IPv4, up to 512K IPv6 routes</li> <li>• Up to 12K MPLS pseudowires</li> <li>• 250K MAC addresses</li> <li>• 4K Bridge domains</li> <li>• 4K sub interfaces</li> <li>• 96K queues</li> </ul>	<ul style="list-style-type: none"> <li>• CPU 1500 MHz</li> <li>• 16 GB RAM</li> <li>• Up to 4.2M IPv4, up to 2.8M IPv6 routes</li> <li>• Up to 16K MPLS pseudowires</li> <li>• 750K MAC addresses</li> <li>• 4K Bridge domains</li> <li>• 8K sub interfaces</li> <li>• 128K queues</li> </ul>	<p><b>For LC18XGE:</b></p> <ul style="list-style-type: none"> <li>• Up to 1M IPv4, up to 512K IPv6 routes</li> <li>• Up to 12K MPLS pseudowires</li> <li>• 250K MAC addresses</li> <li>• 4K Bridge domains</li> <li>• 4K sub interfaces</li> <li>• 96K queues</li> </ul> <p><b>For LC20XGE/LC8XLGE:</b></p> <ul style="list-style-type: none"> <li>• Up to 4.2M IPv4, up to 2.8M IPv6 routes</li> <li>• Up to 16K MPLS pseudowires</li> <li>• 750K MAC addresses</li> <li>• 4K Bridge domains</li> <li>• 8K sub interfaces</li> <li>• 128K queues</li> <li>• Management modules redundancy</li> <li>• Graceful restart/Non-stop forwarding</li> <li>• In-service software upgrade (ISSU)</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• 20x10GBase-R/1000Base-X (SFP+)</li> </ul>	<ul style="list-style-type: none"> <li>• 32x10GBase-R/1000Base-X (SFP+)</li> <li>• 4xdual-rate 100GBase-R (QSFP28)</li> </ul>	<ul style="list-style-type: none"> <li>• LC18XGE: 18x10GBase-R/1000Base-X (SFP+)</li> <li>• LC20XGE: 20x10GBase-R/1000Base-X (SFP+)</li> <li>• LC8XLGE: 4x40GBase-R (QSFP+) + 4xdual-rate100GBase-R/40GBase-R (QSFP28)</li> </ul>