

- ✓ Part supply
- ✓ Repair & Refurbishment
- ✓ Technical Support

## Alcatel 7750 SR



Carritech offer a wide range of support services for the Alcatel 7750 Service Router (SR) family of products, including repair and refurbishment, part supply and ongoing technical support.

The 7750 SR family includes the 7750 SR-s series, 7750 SR series, the 7750 SR-e series, and the 7750 SR-a series.

The Alcatel 7750 Service Router (SR) is a high-performance, multiservice edge router designed for the concurrent delivery of advanced residential, business and mobile services on a common IP edge platform.

### Alcatel 7750 SR Family:



7750 SR-1



7750 SR-7



7750 SR-12



7750 SR-12e

### Key Features

- Available in 7 chassis variants, the flexible 7750 SR can be deployed for the following wide range of functions:
- Broadband Network Gateway for residential service delivery with advanced subscriber management.
- Multiservice Edge Router for business VPN, Cloud and data center interconnect services
- Mobile Backhaul Aggregation Router to address the needs of macro, small cell and heterogeneous networks
- Mobile Gateway for the mobile packet core (2G, 3G and LTE)
- WLAN Gateway for carrier Wi-Fi networks supporting carrier Wi-Fi mobility including cellular interworking and advanced subscriber management
- Security Gateway (SeGW) for macro and small cell and carrier Wi-Fi networks

For more products and information regarding Carritech and the wider telecommunications industry, visit our website at [www.carritech.com](http://www.carritech.com) or follow us on twitter [@carritech](https://twitter.com/carritech)

Carritech Limited, 8-12 Holmes Hill Estate, Holmes Hill, Lewes BN8 6JA

## Technical Information

### Main characteristics

Leveraging the Alcatel-Lucent in-house 400 Gb/s FP3 silicon technology, the 7750 SR delivers exceptional performance and scale to a wide range of IP services, with service intelligence to further drive operational efficiency.

As a member of the Service Router product portfolio, the 7750 SR utilizes the Alcatel-Lucent Service Router Operating System (SR OS). It is managed by the Alcatel-Lucent 5620 Service Aware Manager (SAM) for seamless integration into other Alcatel-Lucent IP/MPLS solutions.

### Capacity

The 7750 SR-s platform supports a 144 Tb/s configuration, in a system designed to scale to 288 Tb/s. It will support up to 144 terabit links, 288 400GE ports, or 1,440 100GE ports in a compact form factor and it has the ability to optimise any network location.

It provides high-density Gigabit Ethernet (GE), 10GE, 40GE, 100GE and 400GE interfaces. The FP4 network processor in the 7750 provides packet forwarding performance that is deterministic, even when complex processing-intensive operations are required.

### Capabilities

The 7750 family integrates subscriber, service and application intellegences to enable different service capabilities depending on requirements and is known for its ability to support hundreds of thousands of IP traffic flows without compromising performance.

## Need support for Alcatel 7750 SR products?

We can help.

**Call:** +44 203 006 1770

**Email:** [contact@carritech.com](mailto:contact@carritech.com)



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