

# Managed Enterprise Routers.

## A Complete Guide to Superloop Managed Enterprise Router Hardware and Service Solution.

### What is Superloop Managed Enterprise Routers?

Superloop Managed Enterprise Routers are networking device/s provided, configured, and managed by Superloop to deliver secure, high-performance internet access while eliminating the need for in-house management. It works by ensuring these devices are properly configured, maintained, and updated to optimise performance and reliability.

### Key Benefits of Superloop Managed Enterprise Routers.

Superloop Managed Routers provide a secure and reliable network connectivity with expert support and maintenance, reducing downtime and IT burden for businesses.

#### Enhanced Network Performance

Deliver enterprise-grade routing capabilities and efficient traffic management, including proactive monitoring and optimisation of network performance, support for site-to-site and end-user VPNs to ensure reliable, scalable, and predictable network operations across distributed environments.

#### Cost Saving

Avoid the costs associated with purchasing, maintaining, and upgrading their own equipment. This includes reduced expenses for IT staff, hardware, and software.

#### Reduced IT Burden

Frees up internal IT staff to focus on core business activities and strategic initiatives by offloading network setup, monitoring, security, and maintenance.

#### Proactive Monitoring and Maintenance

Continuous monitoring of the router's performance and health to detect issues early and apply updates or fixes before they impact the network - ensuring minimal downtime, security, and reliability without requiring manual intervention.

#### Scalability and Flexibility

Superloop Managed Enterprise Routers solutions are designed to be scalable, allowing businesses to easily adjust their network capacity as their needs evolve. This flexibility is beneficial for growing businesses or those with fluctuating bandwidth requirements.

**For More information, contact our Business Sales Team.**

## Superloop Managed Enterprise Router Inclusion.

Superloop Managed Enterprise Router combines a set of Managed Service Inclusions with Router Hardware Options from Cisco designed to fulfill your business needs and requirements.

### Managed Service Inclusions

Support and proactive management of your IT systems, ensuring reliability, security, and performance.



### Router Hardware Options

Choice of Cisco Enterprise Routers providing robust, secure, and scalable networking solutions.

## Superloop Managed Service Inclusions.

Superloop Managed Service Inclusions provides a set of features, support, and responsibilities as part of a Superloop Managed Enterprise Router solution. It is designed deliver reliable performance, enhance security, provide expert support, and reduced IT workload.



### Standard Monitoring

#### Basic Monitoring (Link / Site Up)

Essential uptime checks for network connectivity, focused on verifying whether a site, link or managed device is online or offline. Alerts are raised for outages but do not include detailed diagnostics or device-level insight.



### Standard Support

#### Help Desk

Access to a single point of contact 24x7 service desk for, streamlining support across carriage, SD-WAN, cloud connectivity, and cybersecurity services to ensure efficient issue resolution and enhanced user experience.

#### Moves and Changes

Execution of approved configuration changes, relocations of devices or services, and updates to device parameters—managed with traceability and rollback planning where required.



### Standard Maintenance

#### Managed Device Configuration Backup

Regular and secure backups of Managed Device configurations to ensure rapid recovery in case of hardware failure, misconfiguration, or security events.

#### Patch / Upgrade Management (Standard Schedule)

Patching and firmware upgrade cycles based on Superloop standard change windows, ensuring device stability, security, and compliance.

**For More information, contact our Business Sales Team.**

## Superloop Routers Hardware Options.

Superloop Router Hardware options integrate **Cisco technology** to deliver robust, secure, and scalable networking solutions tailored for your businesses.

### Cisco C1127X-8PLTEP

The **Cisco C1127X-8PLTEP** is a high-performance router from Cisco's 1100 Series Integrated Services Routers (ISR), designed for small to medium-sized businesses, enterprise branches, and managed service environments. It offers a comprehensive set of features that combine routing, switching, wireless connectivity, and integrated security in a compact form factor.



#### Data Interfaces

- 8 x GE LAN
- 4 PoE or 2 PoE+ Capable
- 1 x RJ45/SFP GE WAN Combination



#### Status and physical security

- Status LED
- Power button
- Reset button
- Power connector

#### Management/USB Storage

- Micro USB Console
- USB 3.0, Type A

#### Pluggable LTE Technology

- CAT 4
- CAT 6
- CAT 18
- New - 5G

#### DSL Annex A\*\*

\*\* DSL Annex M support available in C1127X-8PMLTEP

### Key Features:

- **Connectivity:** 8 Gigabit Ethernet (GE) LAN ports (4 PoE or 2 PoE+), 1 WAN GE/SFP combo port, 1 ADSL2/VDSL2+ WAN port, and support for pluggable LTE Advanced (CAT6 and CAT18) modules.
- **Performance:** Equipped with 8 GB DRAM and 8 GB flash memory, suitable for SD-WAN and advanced security applications.
- **Wireless:** Integrated 802.11ac Wave 2 Wi-Fi for wireless LAN connectivity.
- **Support for pluggable LTE Advanced** (CAT6 and CAT18) modules, enabling 4G and 5G connectivity. Optional extra - requires sim card with mobile connection sold separately.
- **Management:** Features a micro-USB console port and a USB 3.0 Type-A port for management and external storage.
- **Software:** Runs on Cisco IOS XE, supporting SD-WAN, VPN, firewall, and threat defence features.
- **Form Factor:** Designed for desktop deployment, making it suitable for branch offices and space-constrained environments.

**For More information, contact our Business Sales Team.**

## Cisco Router - Full Specifications.

Feature	C1127X-8PLTEP
<b>Product Type</b>	Integrated Services Router (ISR)
<b>Form Factor</b>	Desktop
<b>Operating System</b>	Cisco IOS XE
<b>CPU</b>	Multi-core processor
<b>Memory (DRAM/Flash)</b>	8 GB / 8 GB
<b>LAN Interfaces</b>	8 x Gigabit Ethernet (GE) LAN ports
<b>PoE Support</b>	4 ports with PoE or 2 ports with PoE+ capability
<b>WAN Interfaces</b>	1 x RJ45/SFP Gigabit Ethernet combo port, 1 x ADSL2/VDSL2+ (Annex A) WAN interface
<b>LTE Support</b>	Pluggable LTE modules supporting CAT 4, CAT 6, and CAT 18 technologies. (available option)
<b>Wireless Support</b>	Optional 802.11ac Wave 2 wireless LAN (via separate module)
<b>USB Ports</b>	1 x USB 3.0 Type-A port, 1 x Micro-USB console port
<b>Management Interfaces</b>	RJ45 console port, USB console port
<b>Security Features</b>	Integrated firewall, VPN support, Adv security features with SD-WAN support
<b>SD-WAN Support</b>	Yes
<b>Power Supply</b>	External Power Supply Unit (PSU)
<b>LED Indicators</b>	Status LED indicators for system status and activity
<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Storage Temperature</b>	-40°C to 70°C (-40°F to 158°F)
<b>Humidity</b>	5% to 95% non-condensing
<b>Certifications</b>	FCC, UL, CE, RoHS compliant
<b>Warranty</b>	Please Contact our Business Sales team for more details.
<b>Additional Features</b>	GPS support, SMS support (via LTE module), Kensington lock slot.

**For More information, contact our Business Sales Team.**

## Frequently Asked Questions.

### Q **How do I purchase the Managed Enterprise Routers?**

A The Managed Enterprise Routers is ONLY available to be purchased by New and Existing Superloop Probiz Internet Service Customers. Please contact our Business Sales Team on 1800 57 87 37 for purchase options and pricing.

### Q **What specifically will Superloop manage on the Router?**

A Superloop will remotely monitor each router including performing relevant firmware and security updates automatically to ensure the router is optimised and functioning correctly. A 24/7 support help desk is also accessible to help resolve faults or configuration changes

### Q **Does the Cisco C1127X-8PLTEP with Cellular module come with active mobile sim service?**

A NO, the Cisco C1127X-8PLTEP with Cellular module does NOT Include an active mobile sim service - this must be sourced and purchased separately.

### Q **What type of business is the Cisco C1127X-8PLTEP Router most suitable for?**

A The Cisco C1127X-8PLTEP is known for its cost-effectiveness, compact size, low power consumption, and advanced features. It is most suitable for:

- **Small to Medium Businesses:** Provides a comprehensive solution for businesses needing enterprise routing and reliable internet access.
- **Enterprise Branches:** Can be deployed as CPE in branch offices, providing enterprise-grade routing capabilities and efficient traffic management, including support for site-to-site and end-user VPNs.

### Q **Is there Hardware Warranty for the Cisco C1127X-8PLTEP?**

A The Cisco C1127X-8PLTEP is covered by either a Superloop Hardware Warranty or Manufacturer Limited Hardware Warranty. For more details on which Warranty will be applicable to you please contact our Business Sales team on 1800 57 87 37.

## Get in touch

For more information, please contact your Account Manager or our Business Sales Team.

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