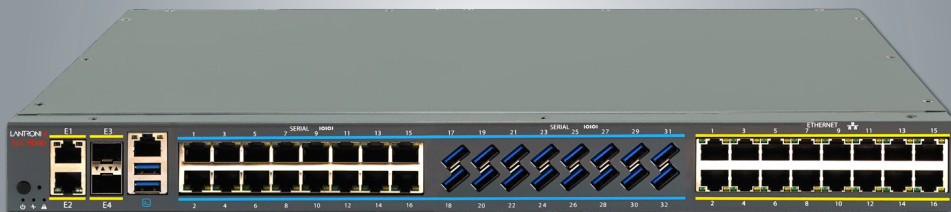


Lantronix SLC 9000

Advanced Console Server



DON'T MANAGE YOUR MANAGEMENT NETWORK

Built for how network engineers work today

SLC 9000 + Perception™ is the autonomous out-of-band platform for teams that need reliable infrastructure access without a whole new platform to manage.

With the Lantronix SLC 9000, devices provision themselves, serial ports identify what's connected, and an entire network fleet is managed from a single cloud dashboard. It's built for how networks are managed today: getting up and running quickly with minimal hands-on work, providing reliable, secure access to remote infrastructure, and integrating with automation tools already in place to spend less time managing your out-of-band and focus on managing the network.



Deploy new sites without touching a keyboard

How it works | Field techs cable up and skip the config session. When an SLC 9000 powers on, it calls home to Perception via cellular (no Ethernet required), picks up its baseline config, enrolls its serial ports, and appears in inventory.

Benefits | For teams deploying across dozens of sites a year, that's roughly two hours of saved labor per site and zero chance of a misconfigured box sitting unreachable because someone fat-fingered an IP.



Always-on console access when the main network fails

How it works | Serial access stays up through outages because cellular failover is active and tested so it's there when you need it. It's external to the SLC 9000 for optimal signal, but integrated with the software.

Benefits | When a device goes unreachable, Perception shows you exactly what it is and where it is. Every session is logged with a tamper-evident audit trail, so Ops and Security teams both have what they need after the incident.



Manage firmware & config compliance across your fleet

How it works | Perception tracks every firmware version across every device, shows you what's out of compliance, and lets you push updates to a smart group from the UI. No SSH sessions, no spreadsheet. Config backups happen automatically.

Benefits | When something drifts, Perception flags it and has the last-known-good saved. For teams managing hundreds of sites, that's the difference between a proactive compliance posture and an poorly-timed fire drill.



Perception is the cloud management platform purpose-built for network administrators who manage Lantronix out-of-band infrastructure. From a browser-based dashboard, admins can see the health of their entire device fleet, push firmware updates, automatically back up and restore configurations, and access any serial console port without needing to be on-network.

Top Deployments



Hyperscalers & Data Centers



Branch Offices & Campuses



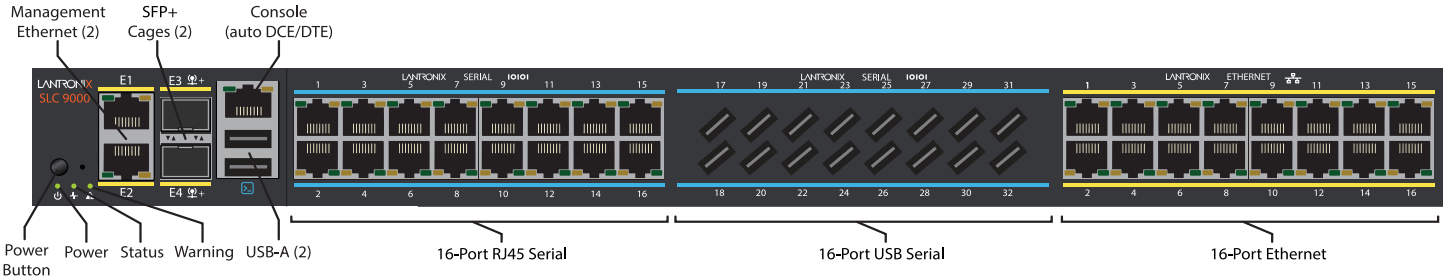
Remote Sites

Why Deploy the Lantronix 9000 in Your Network?

- **Perception Cloud Management** | No on-prem server. Perception is a SaaS management plane with firmware compliance, config drift detection, and tamper-evident audit logs all in one dashboard..
- **API-First Platform** | OpenAPI 3.01. Every management operation including firmware push, config backup, session management, and audit log retrieval is available programmatically. Integrates with NetBox, Ansible, Terraform, ServiceNow, and custom CMDBs out of the box.
- **SLC 8000 Upgrade Path** | The SLC 8000 reaches end-of-sale December 31, 2026. The SLC 9000 delivers the same reliable console access and authentication your team depends on plus ZTP, automated device discovery, and cloud-native management.

LANTRONIX

Powered by a robust 1.8 GHz Arm Cortex dual-core processor and equipped with 128 GB of on-board encrypted storage, the SLC 9000 delivers the processing power required for modern NetOps and DevOps workflows. It features 16-, 32-, or 48-serial ports (RJ45 or USB) or up to 32-ports of integrated Ethernet switching, ensuring what's deployed is what's needed. With the addition of dual 1-10 Gbps SFP+ ports, the SLC 9000 ensures your management plane is ready for high-bandwidth demands. (Shown below: *SLC9016-16U-16E*)



Technical Specifications

Memory & CPU	
Processor	LS1026A 1.8 GHz Arm Cortex with two cores
Memory	8GB LPDDR4 memory
Storage	128 GB eMMC supporting TCG Opal 2.0, 256-bit AES encryption
Management Interfaces	
Network Ports	<ul style="list-style-type: none"> Two 10/100/1000 BaseT Ethernet interfaces (failover support) Two 1-10Gbps SFP+ ports
Local Console Port	One RS-232 console port
USB Ports	Two USB-A 3.0 ports
Management Ports	
Managed Serial Ports	Supports up to 48 devices in 16-port increments: <ul style="list-style-type: none"> RJ45 serial USB serial Ethernet (max of 32-ports)
Physical Security	
TPM	Embedded TPM 2.0
Modem Options	
External Modem Support	USB-C with 2A power support and 2-way 12V termination block
Power	
Power Supply	<ul style="list-style-type: none"> AC Model: Dual input, 100-240 VAC, 50/60 Hz, 60 W DC Model: Dual input, -20 to -72 VDC
Physical	
Dimensions	4.5 mm (1.75 in) H x 444.5 mm (17.5 in) W x 267 mm (10.5 in) D; 1 Rack Unit (1RU)
Weight	2.7 kg (6 lbs)
Operating Environment	
Operating Temperature	0° C to 50° C (32° F to 122° F)
Humidity	20% to 80% relative humidity, non-condensing
Regulatory	
Emissions	FCC Class A sub part B
Safety	TUV
Compliance	RoHS compliant

Selected Product SKUs

Part Number	Description
SLC9016	SLC9000 Console Server, 16 RJ45 serial ports, 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9016-16U	SLC9000 Console Server, 32 serial ports (16 RJ45, 16 USB Type-A), 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9016-32U	SLC9000 Console Server, 48 serial ports (16 RJ45, 32 USB Type-A), 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9016-16E	SLC9000 Console Server, 16 RJ45 serial ports, 16x 1GbE switch ports, 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9016-16U-16E	SLC9000 Console Server, 32 serial ports (16 RJ45, 16 USB Type-A), 16x 1GbE switch ports, 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9016-32E	SLC9000 Console Server, 16 RJ45 serial ports, 32x 1GbE switch ports, 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9024-24E	SLC9000 Console Server, 24 RJ45 serial ports, 24x 1GbE switch ports, 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9032	SLC9000 Console Server, 32 RJ45 serial ports, 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9032-16U	SLC9000 Console Server, 48 serial ports (32 RJ45, 16 USB Type-A), 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9032-16E	SLC9000 Console Server, 32 RJ45 serial ports, 16x 1GbE switch ports, 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
SLC9048	SLC9000 Console Server, 48 RJ45 serial ports, 2x 1GbE, 2x SFP+, TPM 2.0, dual AC PSU
AC Power Cord Options	The default part numbers above ship without power cords. For North American power cords (NEMA 5-15P), add "-NA" to the end of the part number. For example: <i>SLC9016-NA</i>
DC Power	The SLC 9000 is also available with dual DC power inputs. Add "-DC" to the end of the part number to order. For example: <i>SLC9016-DC</i>
Accessories	
NTC-501-SLC9	NTC-501 (North America) kit to deploy as the 5G cellular OOB component of an SLC 9000
NTC-502-SLC9	NTC-502 (EMEA, APAC excl. Japan & China (Telstra)) kit to deploy as the 5G cellular OOB component of an SLC 9000
SFPs	Lantronix offers a variety of fiber and copper SFPs. See the Lantronix website.

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