

# NODIA EDGE

## Smarter Compute for Offices

Nodia Edge delivers enterprise-grade performance in a compact form factor ideal for small-to-medium businesses, AI startups, and high-demand edge workloads. At a \$249 MSRP, Edge combines active cooling, enhanced connectivity, and a supercharged reward engine that turns every task into serious revenue: even at a €1 million NODIA market cap, you can generate €1 100+ per month under moderate usage.

Edge Specs	
USE CASE	Office AI agents, team-level compute, secure orchestration
BEST PLACED	Desks, coworking hubs, smart buildings
MOUNTING	Desktop or wall-mounted
POWER	Ethernet-powered + passive cooling

### Key Features

<b>High-Throughput Reward Model</b> 20 NODIA per task base rate, ×10 Early-Launch Bonus (first 3 months), ×1.1 Uptime Multiplier for >99% availability.	<b>Performance Hardware</b> NVIDIA Jetson Orin Nano GPU for accelerated inference, 8 GB LPDDR5 RAM & 256 GB NVMe SSD.
<b>Active Thermal Management</b> Smart fan system maintains peak performance under sustained load.	<b>Enterprise Security Stack</b> Secure Boot, TPM 2.0, AES-256 encryption, on-device zk-SNARK proofs.
<b>Flexible Connectivity</b> Dual-band Wi-Fi 6 + Gigabit Ethernet for low-latency routing, expansion port for optional 5G modem.	<b>Plug-and-Play Deployment</b> Unbox, power, network, register—start earning in minutes via Nodia Dashboard.

### Technical Specifications

Component	Specification
Processor	NVIDIA Jetson Orin Nano (1024-core GPU)
RAM	8 GB LPDDR5
Storage	256 GB NVMe SSD
Connectivity	Gigabit Ethernet, Dual-band Wi-Fi 6
Expansion	M.2 slot for 5G / 4G LTE modem
Power	100–240 VAC → 19 VDC, 60 W adapter included
Cooling	Active fan with thermal throttling
Security	TPM 2.0, Secure Boot, AES-256, zk-SNARK proofs
Dimensions	230 × 180 × 45 mm
Weight	1.2 kg
Operating Temp.	−10 °C – 60 °C
Certifications	CE, FCC, RoHS

### Ideal Use Cases

- Video Analytics & Rendering:** Real-time object detection, stream analysis, CGI pre-renders.
- ML Inference at Scale:** Speech recognition, NLP tasks, recommendation engines.
- Industrial IoT & Automation:** Sensor fusion, predictive maintenance, robotics control.
- dApp Back-End Services:** Off-chain compute for DeFi, gaming, and data-heavy decentralized applications.

### Setup Guide

- Unbox & Inspect:** Confirm contents: Edge unit, power adapter, Ethernet cable, quick-start guide.
- Power & Network:** Connect to mains and your LAN/Wi-Fi 6. LED turns solid blue when online.
- Register on Dashboard:** Visit [dashboard.nodia.io](#), log in with Phantom Wallet. Devices → Add Device → scan Edge’s QR code → assign a label.
- Authorize & Activate:** Approve the Solana transaction. Edge status flips to Live and begins processing tasks.

### Earnings Projection

- Assumptions:
- Market Cap: \$1 000 000 → \$0.00111 /NODIA
  - Early-Launch Bonus: ×10 (first 90 days)
  - Uptime Multiplier: ×1.1

Scenario	Tasks/Day	Nodia/Task	Nodia/Month	\$/Month
Conservative	200	220	1,320,000	\$1,465
Moderate	400	220	2,640,000	\$2,930
Aggressive	800	220	5,280,000	\$5,860

With just 200 tasks/day, a single Edge earns \$1,465/month—paying back a \$249 device in under one weeks.

### Troubleshooting & Support

- Unit Doesn’t Power On:** Check mains connection and adapter, test alternate outlet.
- Network Unreachable:** Verify Wi-Fi credentials or use Ethernet; reboot router if needed.
- Low Compute Throughput:** Inspect GPU utilization in Dashboard; ensure firmware is current.
- Firmware Update Failure:** Power-cycle, then manually apply update via Dashboard → Device Settings.
- Overheat Shutdowns:** Confirm ambient < 60 °C and unobstructed vents; clean air filters.

For 24/7 support, open a ticket via Dashboard → Helpdesk, or consult [nodia.gitbook.io/nodia-docs/](#) for detailed tutorials and walkthroughs.

### Pro Tips

- Maximize Throughput:** Use wired Ethernet + QoS to prioritize your Edge.
- Local Model Caching:** Store frequently used models in /var/nodia/models for sub-second loads.
- Cluster Mode:** Group multiple Edges in a “Processing Farm” in Dashboard for bulk-task distribution.

### Why Nodia Devices?

- Modular Scalability:** From a single Nodia Core in your living room to racks of Nodia Atlas in enterprise environments, mix and match devices to match your workload and budget.
- Unified Dashboard:** Manage all your nodes—Core, Edge, Atlas—from one place. Track task status, earnings, uptime, and health metrics in real time.
- Seamless Security:** Every device comes with AES-256 encryption, secure boot, and built-in zk-SNARK proof generation. Protect your data and prove your work, no matter where you deploy.
- Plug-and-Play Simplicity:** Each unit arrives ready to connect: power, network, register—and start earning NODIA tokens in minutes.

### Our Lineup

<b>Nodia Core</b> Home users & hobbyist devs Ultra-low power, silent operation, easy setup	<b>Nodia Edge</b> Small businesses & AI startups Mid-range performance, active cooling, AES-256	<b>Nodia Atlas</b> Enterprises & research institutions High-throughput GPU, modular upgrades, 5G-ready
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For detailed information on each device, please refer to our comprehensive documentation at [nodia.gitbook.io/nodia-docs/](#)

\$249

Secure your personal AI node today!

Register for Pre-Order