

Telnyx vs Vonage – Cost & Feature Comparison Report

1. Overview

This report compares **Telnyx** and **Vonage** for use in an **AI-powered call center** built using **Laravel**, **real-time voice streaming**, and **AI conversational agents**.

The comparison includes:

- Monthly cost simulation
- USD and LKR cost conversion
- Feature comparison
- Final recommendation

2. Cost Simulation (USD + LKR)

Exchange Rate Used: 1 USD = LKR 308.65

Small Usage (1,500 minutes/month)

Item	Telnyx	Vonage
Minutes Cost	\$3.00	\$21.69
Phone Number	\$1.00	\$0.90
Total (USD)	\$4.00	\$22.59
Total (LKR)	Rs 1,234	Rs 6,971

Medium Usage (24,000 minutes/month)

Item	Telnyx	Vonage
Minutes Cost	\$48.00	\$347.04
Phone Number	\$1.00	\$0.90
Total (USD)	\$49.00	\$347.94
Total (LKR)	Rs 15,119	Rs 107,501

Heavy Usage (120,000 minutes/month)

Item	Telnyx	Vonage
Minutes Cost	\$240.00	\$1,735.20
Phone Number	\$1.00	\$0.90
Total (USD)	\$241.00	\$1,736.10
Total (LKR)	Rs 74,432	Rs 536,141

3. Feature Comparison

Feature	Telnyx	Vonage
Per-minute pricing	Very low (~\$0.002/min)	High (~\$0.01446/min)
Phone number cost	\$1/month	\$0.90/month
Real-time media streaming	Optimized for AI	Supported
AI-ready (STT/TTS streaming)	Excellent	Good
Global reach	Wide (100+ countries)	Very wide, enterprise grade
Call Control features	Advanced	Advanced

Feature	Telnyx	Vonage
WebRTC / Softphone support	Good	Excellent
Latency for AI bots	Very low	Good
Suitable for heavy call volume	Best choice	Much higher cost
Integration difficulty	Easy	Moderate
Best use-case	AI bots, call centers	Global enterprise telephony

4. Final Recommendation

Best Platform for Your AI Call Center: TELNYX

Reasons:

- **6x–8x cheaper** than Vonage for voice minutes
- Designed for **real-time media streaming** for AI assistant use cases
- **Low latency**, ideal for AI conversations
- **Easy Laravel integration**
- Scales well for **high call volume** scenarios

Telnyx is the most cost-effective and technically reliable option for building your **AI-powered call center with Laravel**, especially when the system must:

- Handle real-time AI conversation
- Manage high call volume
- Keep operational costs low
- Support media streaming and AI-driven tasks

Vonage is still strong for enterprise global infrastructure and WebRTC softphone features, but it is not cost-effective for high-volume AI systems.