



IntelliDB Enterprise – 18.0

AI-Powered, Self-Healing Database Management

IntelliDB Enterprise 18.0 is a Next-Generation AI-powered Database built on PostgreSQL 18, designed for Enterprises that demand High Performance, Intelligent Automation and Enterprise-Grade Security. It combines AI-Driven Optimization, Self-Healing Automation, Cloud-Native Scalability and Advanced Developer tools to deliver a fully Autonomous and Secure Database experience across On-Premise, Cloud or Hybrid Environments.

Why Choose IntelliDB?

- AI-driven Query Optimization and Performance Insights
- Self-Healing Architecture through Remediation Engine
- Advanced SQL Editor for Developers and DBAs
- Built-in HA, Replication, and Failover
- Secure and Compliant by Design (Encryption, Auditing, Redaction)
- Fully Compatible with PostgreSQL Workloads
- 24×7 Enterprise Support and SLA-Backed Assistance
- Continuous Updates and AI-Based Recommendations

Key Capabilities

- ✓ AI Optimizer Engine with Autonomous Query Tuning
- ✓ AI Log Analyzer for Proactive Anomaly Detection
- ✓ Centralized Monitoring Dashboard with Performance Metrics
- ✓ Active-Active and Active-Passive Replication support
- ✓ Auto Diagnostics and AI-Based Tuning Suggestions
- ✓ Backup, Recovery and Performance Testing Suite
- ✓ Vector Extension for AI and ML Data Workloads
- ✓ Migration Toolkit for Oracle, MySQL and MSSQL Transitions



Deployment Options

- ✓ **On-Premise**
Secure and Fully Controlled Infrastructure
- ✓ **Cloud**
Supported on AWS, Azure and GCP
- ✓ **Hybrid**
Combine On-Premise Reliability with Cloud Scalability
- ✓ **Containerized**
Optimized for Docker and Kubernetes Environments

Each Deployment Delivers Scalability, Flexibility and Intelligent Resource Management

Core Architecture Features

- PostgreSQL 18 Core Enhanced with AI & Automation Layers
- Patroni + etcd + HAProxy for High Availability Management
- Asynchronous I/O and Parallel Query Execution
- Remediation Engine for Self-Healing Operations
- Advanced Query Tuning powered by AI insights
- Role-Based Access Control (RBAC) & OAuth 2.0 Authentication
- Enhanced WAL Architecture for Faster Recovery
- Monitoring APIs for Observability and Integration

Plan Suitability – IntelliDB Enterprise 18.0

Standard Plan

- Ideal for Small to Medium Businesses needing Essential Database Features.
- Best for Development, Testing and Small Production Environments with Basic High Availability.
- Cost-effective solution without advanced AI or Remediation Capabilities.

Enterprise Plan

- Designed for Medium-To-Large Enterprises requiring Robust Performance, Security and Scalability.
- Suitable for Production Workloads, Compliance-Focused Operations and Organizations leveraging AI-powered Query Tuning and Log Analysis.
- Includes Self-Healing Remediation and Advanced SQL Editor.

Platinum Plan

- Tailored for Large-Scale Enterprise Deployments with complex Data Workloads, High Transaction Volumes and Global operations.
- Offers full AI-Driven Insights, Pro-AI Tools, Real-Time Query Tuning, Self-Healing Remediation, AI-Based Log Analyzer and Advanced SQL Editor.
- Ideal for Mission-Critical Applications with Maximum Uptime Requirements.

Please Note: IntelliDB product variants are available in both perpetual and subscription models.

Plans and Support Tiers – IntelliDB Enterprise 18.0

Feature	Platinum	Enterprise	Standard
Security and Performance Capabilities for Enterprises	✓	✓	✗
IntelliDB Enterprise Server	✓	✓	✗
Cloud Deployment	✓	✓	✗
AI-Enabled	✓	✓	✗
AI insights	✓	✓	✗
Pro-AI	✓	✗	✗
AI-Based Log Analyzer	✓	✓	✗
Self-Healing Remediation	✓	✓	✗
Advanced SQL Editor	✓	✓	✗
Open-source PostgreSQL Foundation	Platinum Plan	Enterprise Plan	✓
High Availability	✓	✓	✓
Active-Passive Replication	✓	✓	✓
Active-Active Replication	✓	✓	✗
Monitoring & Diagnostics	✓	✓	✓
Query Tuning Engine	✓	✓	✗
DB Expert / Analyzer	✓	✓	✗
Backup and Recovery	✓	✓	✓
Performance Testing Suite	✓	✓	✗
Enhanced Auditing & Redaction	✓	✓	✗
Encryption & Compression	✓	✓	✗
Support Type	Premium	Production	Production
24/7 Availability	✓	✓	✓
Remote DBA Services	✓	✓	✗
Severity 1 Call Response Time	05 min	10 min	20 min
Severity 2 Call Response Time	15 min	20 min	30 min
Severity 3 Call Response Time	30 min	40 min	60 min
Severity 4 Call Response Time	2 Hours	24 Hours	48 Hours



IntelliDB Enterprise 18.0 vs IntelliDB 17 — What's New & Better

1 AI Intelligence Layer 2.0

IntelliDB 18.0 introduces a Next-Generation AI Intelligence Layer Deeply Integrated into PostgreSQL 18's Query Planner and Optimizer.

2 Self-Healing Remediation System

The new Remediation Engine empowers Automatic Detection and Correction of Performance Degradation.

3 PostgreSQL 18 Foundation — Core Enhancements

IntelliDB Enterprise 18.0 is powered by the latest PostgreSQL 18, delivering Significant Performance, Scalability and Developer-Friendly Improvements.

4 Advanced SQL Editor & Developer Tools

An intelligent and Modernized SQL Workspace built for Speed and Accuracy.

5 AI Log Analyzer — Real-Time Threat & Anomaly Detection

Next-gen AI-based log analysis and Anomaly Detection.

6 Unified Monitoring & AI Insights Dashboard

Re-engineered monitoring layer designed for Hybrid Environments.

7 Enterprise Security Reinforcement

Security in IntelliDB 18.0 is built to align with Enterprise Compliance.



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IntelliDB Enterprise Private Limited

CIN: U62099HR2024PTC122694 | MSME: UDYAM-HR-05-0111499 | DPIIT: DIPPI173508 | Registered Office:
465, 3rd Floor, Udyog Vihar, Phase 5, Gurgaon, Haryana- 122016