

OmniCortex Memory MCP

Quick Start Guide

What is OmniCortex?

OmniCortex is a **universal memory system** for Claude Code that stores what you learn, tracks what you do, and helps you never repeat the same mistakes twice.

"Store everything important so you never repeat mistakes"

Unlike Basic Memory MCPs

- **Activity Logging** - Full audit trail of every tool call
- **Session Continuity** - "Last time you were working on..." context
- **Cross-Project Search** - Find knowledge from any project
- **Auto-Categorization** - Intelligent memory type detection
- **Importance Decay** - Frequently accessed memories surface first

Installation (2 Commands)

Step 1: Install the package

```
pip install omni-cortex
```

Step 2: Run automatic setup

```
omni-cortex-setup
```

For AI-powered semantic search: **pip install omni-cortex[semantic]**

Web Dashboard (Optional)

Launch a visual interface for browsing and managing memories:

```
omni-cortex-dashboard
```

Opens at <http://localhost:8765>

Core Features

Category	Count	Purpose
Memory Tools	6	Store, search, update, delete memories
Activity Tools	3	Log and query tool usage
Session Tools	3	Manage work sessions with context
Utility Tools	3	Tags, reviews, exports
Global Tools	3	Cross-project search and sync

Dual-Layer Storage

Activity Log

- What tools were used
- Success/failure status
- Duration and timing
- Automatic via hooks

Knowledge Store

- Solutions found
- Decisions made
- Warnings learned
- Searchable insights

Smart Features

Session Continuity: When you start a new session, OmniCortex provides context from your previous sessions - what you were working on, key decisions made, and where you left off.

Auto-Categorization: Memories are automatically tagged with types like 'solution', 'warning', 'config', 'troubleshooting' based on their content.

Hybrid Search: Combines keyword matching (FTS5) with optional AI-powered semantic search for finding memories by meaning, not just exact words.

Getting Started

Essential Commands

Command	What It Does
cortex_remember	Store important information with auto-categorization
cortex_recall	Search your memories by keyword or meaning
cortex_start_session	Begin a work session and get previous context
cortex_global_search	Search memories across ALL your projects
cortex_list_memories	Browse memories with filters and sorting
cortex_get_timeline	See chronological history of activities

Token/Context Usage

- Initial Load:** ~2KB for tool schemas (18 tools registered)
- Per Tool Call:** Minimal overhead, results returned as formatted markdown
- Memory Storage:** SQLite database, no token cost for stored memories

Storage Locations

Location	Path	Purpose
Per-Project	.omni-cortex/cortex.db	Project-specific memories
Global Index	~/.omni-cortex/global.db	Cross-project search
Config	.omni-cortex/config.yaml	Project settings

Restart Claude Code after installation to activate OmniCortex