| **Feature Category** | **Aspect** | **Kiro AWS IDE** | **VS Code + GitHub Copilot** |
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| Context Window | Token Limit | 100K tokens (Claude Sonnet 4.0), 1M tokens (Claude Sonnet 4) | 64K tokens (standard), 128K tokens (VS Code Insiders) |
| Context Window | Smart Context Management | Automatic context optimization, spec-driven context management | Manual file selection, #-mentions for context |
| AI Model | Primary Model | Claude Sonnet 4.0 (default), Auto agent with mixed models | GPT-4o, GPT-4, GPT-3.5, Claude 3.5 Sonnet, Gemini 2.0 Flash |
| AI Model | Model Selection | Claude Sonnet 4.0, Auto agent, manual model selection | Multiple model options (GPT, Claude, Gemini) in Copilot Chat |
| Architecture | Base Platform | Built on VS Code OSS | Native VS Code with extensions |
| Architecture | Local vs Cloud | Desktop-first with optional AWS cloud integrations | Cloud-based AI with local IDE |
| Development Workflow | Methodology | Spec-driven development (requirements → design → tasks → code) | Chat-based assistance and code completion |
| Development Workflow | Planning Phase | Mandatory requirements.md, design.md, tasks.md generation | Developer-initiated, no formal planning structure |
| Pricing - Individual/Small Team | Entry Level | Free: 50 credits/month, Pro: $20/month (1,000 credits) | Individual: $10/month, Business: $19/month per user |
| Pricing - Individual/Small Team | Mid-tier | Pro+: $40/month (2,000 credits) | Business: $19/month per user |
| Pricing - Enterprise | Enterprise Tier | Power: $200/month (10,000 credits) | Enterprise: $29/month per user |
| Pricing - Enterprise | Usage Model | Credit-based with fractional consumption (0.01 increments) | Flat monthly subscription per user |
| Security - Data Protection | Data Encryption | AWS KMS encryption, TLS 1.2+ in transit | TLS encryption, Microsoft cloud infrastructure |
| Security - Data Protection | Data Retention | US East region storage, service improvement opt-out available | Short-term retention, user data controls available |