

# Smarter Homes. Connected Devices. Personalized Living.

## Hybrid AI-Enabled Smart Home Hub Solution

Families move through hectic daily schedules while relying on multiple devices that mostly work in silos. They balance running the house, managing calendars, overseeing home safety, appliances, meal planning, pill reminders, comfortable lighting and temperature settings, all of which can feel overwhelming. They want easier ways to manage routines, more responsive smart devices, and technology that understands individual needs without additional strain. Handling many apps, accounts, and interfaces just to keep the household running is cumbersome. They need a unified solution that supports each family member while maintaining strong data security.

### Qualcomm AI Home Hub Solution

The Qualcomm® AI Home Hub Solution brings harmony to busy households by connecting all the devices, appliances, calendars, security cameras, and comfort settings so daily routines are easier to manage. It coordinates these tasks in the background and adapts to each family member's habits, creating a nurturing, well-organized home. The hub also works as a personal AI agent for everyone, supporting meal planning, pill reminders, travel suggestions, scheduling, and device control.

On-device edge AI manages sensitive functions such as health insights and facial recognition, with strong security-focused features. Cloud-based LLMs enable natural conversation and multimodal interaction. The solution also supports third-party applications.



## Features and Benefits

- **Hybrid AI:** Enables on-device edge AI to manage sensitive functions while cloud-based or local LLMs provide natural, fluid conversation
- **Household AI agent:** Provides tailored support across every family member's calendars, reminders, wellness insights, meal planning, and travel suggestions
- **Connected home control:** Manages cameras, thermostats, lighting, and appliances through natural language and computer vision
- **Multimodal interaction:** Supports vision, voice, touch, and text for easy user engagement
- **New consumer value:** Allows OEMs to differentiate from traditional smart home assistants with an AI-powered home hub platform
- **Monetization opportunities:** Supports targeted advertising, app ecosystems, and new service layers
- **Security-focused design:** Ensures sensitive information stays local through strong security features

## Key Market Segments

- **Smart home original equipment manufacturers (OEMs)** building intelligent home hubs with hybrid AI
- **Appliance OEMs** looking to add intelligence and broader functionality to their products
- **Independent software vendors (ISVs)** developing multimodal AI applications for next generation home experiences

## Powered by Qualcomm® technology

At the heart of this solution are our advanced chipsets and AI software frameworks:

- Qualcomm Dragonwing™ platforms delivering hybrid AI for smart home hubs
- Dragonwing Q-8750S drive advanced CPU, GPU, NPU, and multimedia

The solution includes advanced connectivity, high performance processing, an integrated 4K touch display, a camera with shutter, microphones, and speakers. Together, they deliver responsive, energy efficient, security-focused AI and rich multimedia experiences for the modern home.

## Ready to Redefine the Connected Smart Home Experience?

**Contact sales to get started.**

