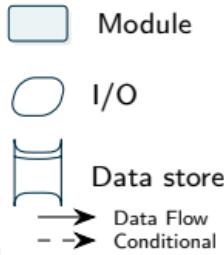


Notation Legend

Audio Stream *T Text Input*

ASR Module
Faster-Whisper v3
(Word Timestamps)

Raw Text

+ Time

III. CONTEXT & STATE MANAGEMENT

Context Vectors

IV. ORCHESTRATION

ORCHESTRATOR ENGINE
Task Analysis → Resource Allocation → Exec. Plan

V. NEURAL PROCESSING UNITS

confidence < τ

VI. FUSION & STRATEGY

TTS Synthesis
Piper VITS (On-device)

▷ *Audio Response*

⟨⟩ *JSON Stream*