

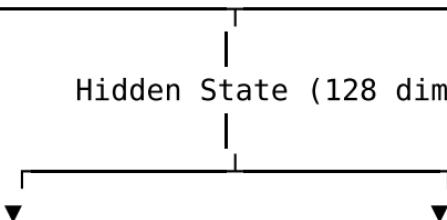
UNIFIED ARCHITECTURE

Input: "3 7 2 5 1 >"



NANOCHAT TRANSFORMER
(4 layers, 4 heads, 128 dim)

Hidden State (128 dim)



BASE HEAD
(Linear)
Acc: ~50%

CTM HEAD
(20 ticks)
Acc: ~99%



Key: CTM adds iterative refinement ("thinking time")