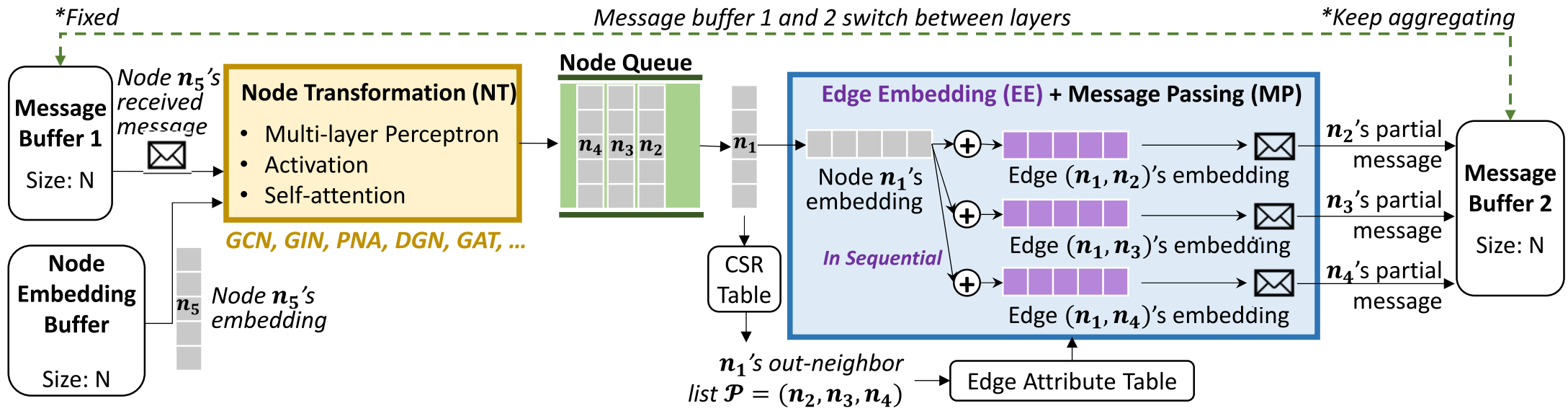


(a) Baseline Dataflow Architecture with **One** Node Transformation, **One** Message Passing, and **Sequential** Edge Embedding



(b) FlowGNN Architecture with **Multiple** Node Transformation, **Multiple** Message Passing, and **parallelized** Edge Embedding

