$$\mathbf{h}_t' = \mathbf{u}_t + \sum_{i=1}^{N_s} \mathrm{FFN}_i^{(s)}\left(\mathbf{u}_t\right) + \sum_{i=1}^{N_r} g_{i,t}\,\mathrm{FFN}_i^{(r)}\left(\mathbf{u}_t\right),$$

$$g_{i,t} = \frac{g_{i,t}'}{\sum_{j=1}^{N_r} g_{j,t}'},$$

$$g_{i,t}' = \begin{cases} s_{i,t}, & s_{i,t} \in \mathrm{Topk}(\{s_{j,t} | 1 \leqslant j \leqslant N_r\}, K_r), \\ 0, & \text{otherwise}, \end{cases}$$

$$s_{i,t} = \mathrm{Sigmoid}\left(\mathbf{u}_t{}^T \mathbf{e}_i\right),$$