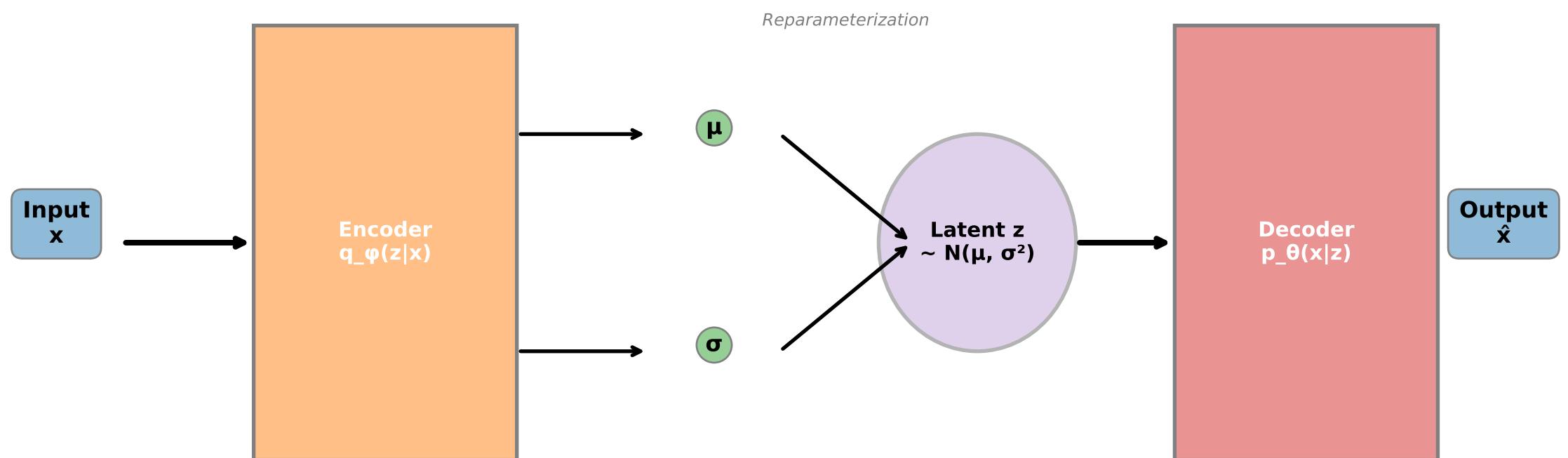


## Variational Autoencoder (VAE)



$$\mathcal{L} = \mathbb{E}_{q_\phi(z|x)}[\log p_\theta(x|z)] - D_{KL}(q_\phi(z|x)||p(z))$$

ELBO: Reconstruction Loss + KL Divergence