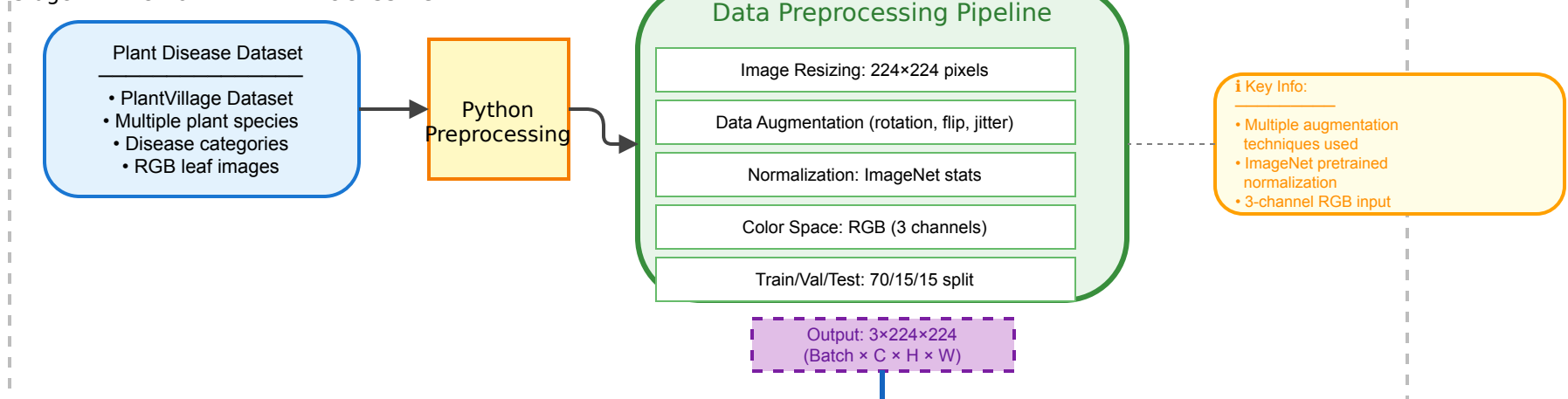
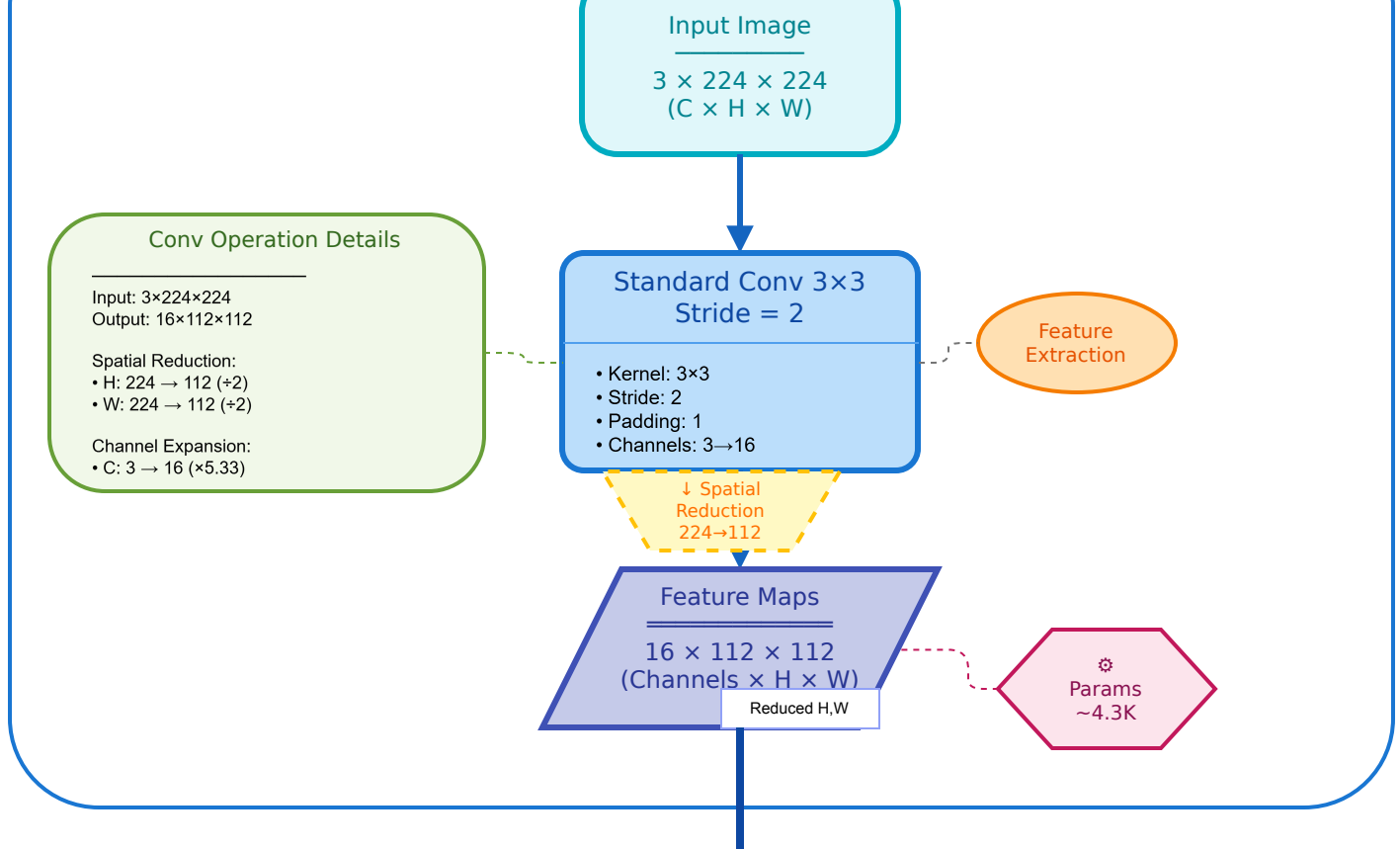


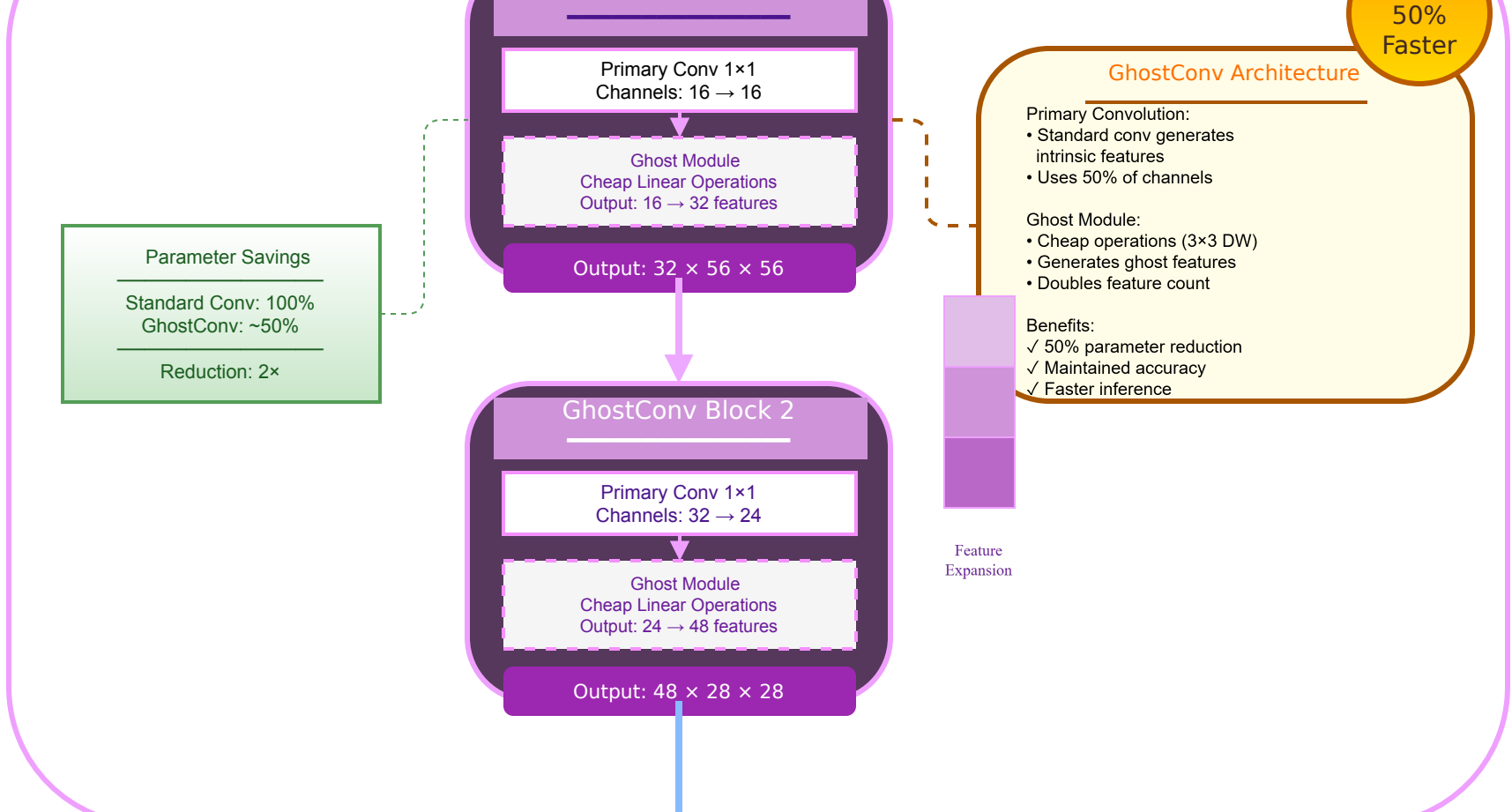
Stage 1: INPUT & DATA PREPROCESSING



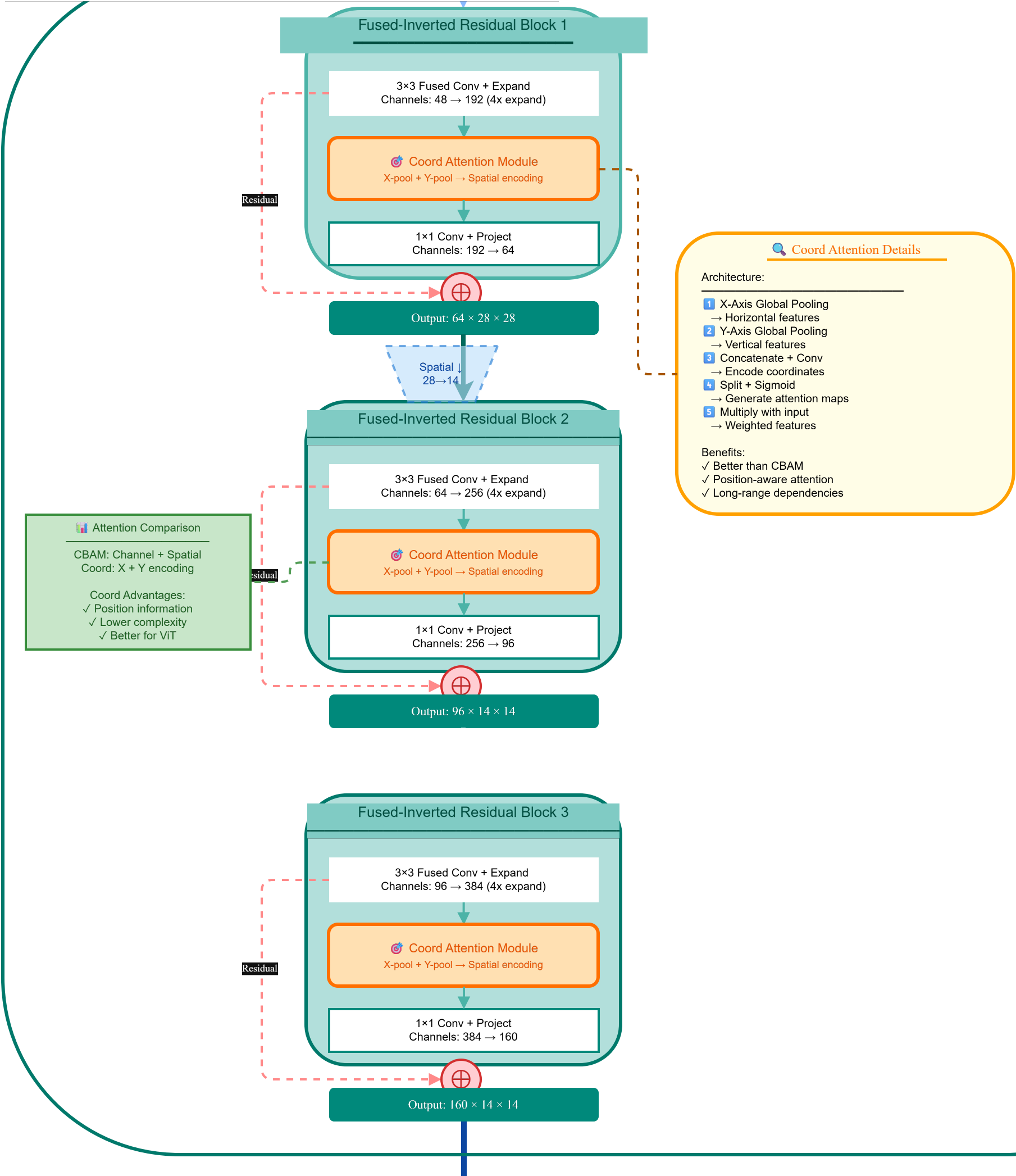
STAGE 2: INITIAL FEATURE EXTRACTION



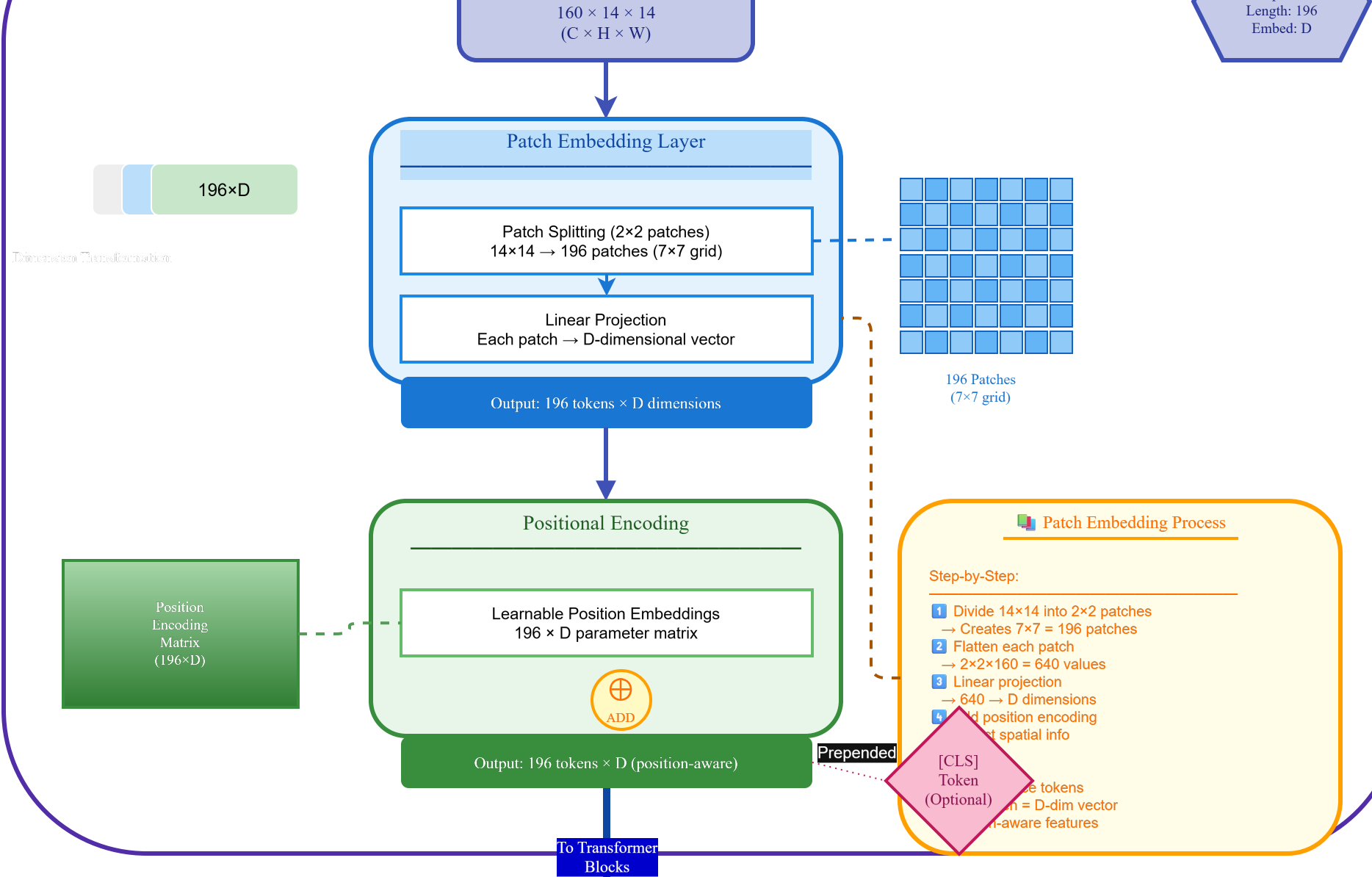
STAGE 3: LIGHTWEIGHT CONVOLUTION - GhostConv



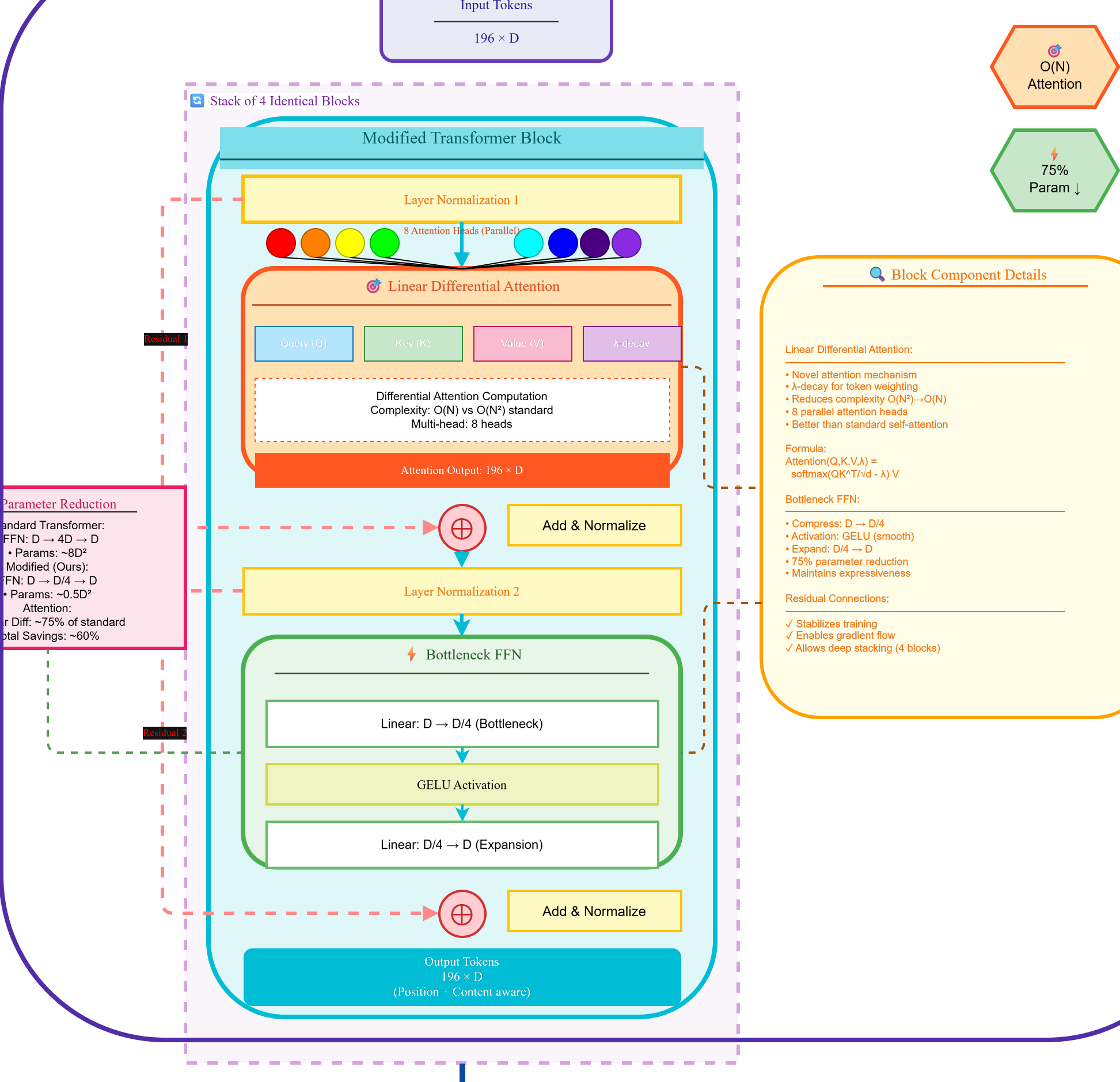
STAGE 4: ENHANCED MOBILE INVERTED BLOCKS - Fused Residual + Coord Attention



STAGE 5: TRANSFORMER ENCODER - Patch Embedding & Positional Encoding



STAGE 6: MODIFIED TRANSFORMER BLOCK - Linear Differential Attention + Bottleneck FFN



STAGE 7: CLASSIFICATION HEAD & OUTPUT - Final Predictions

