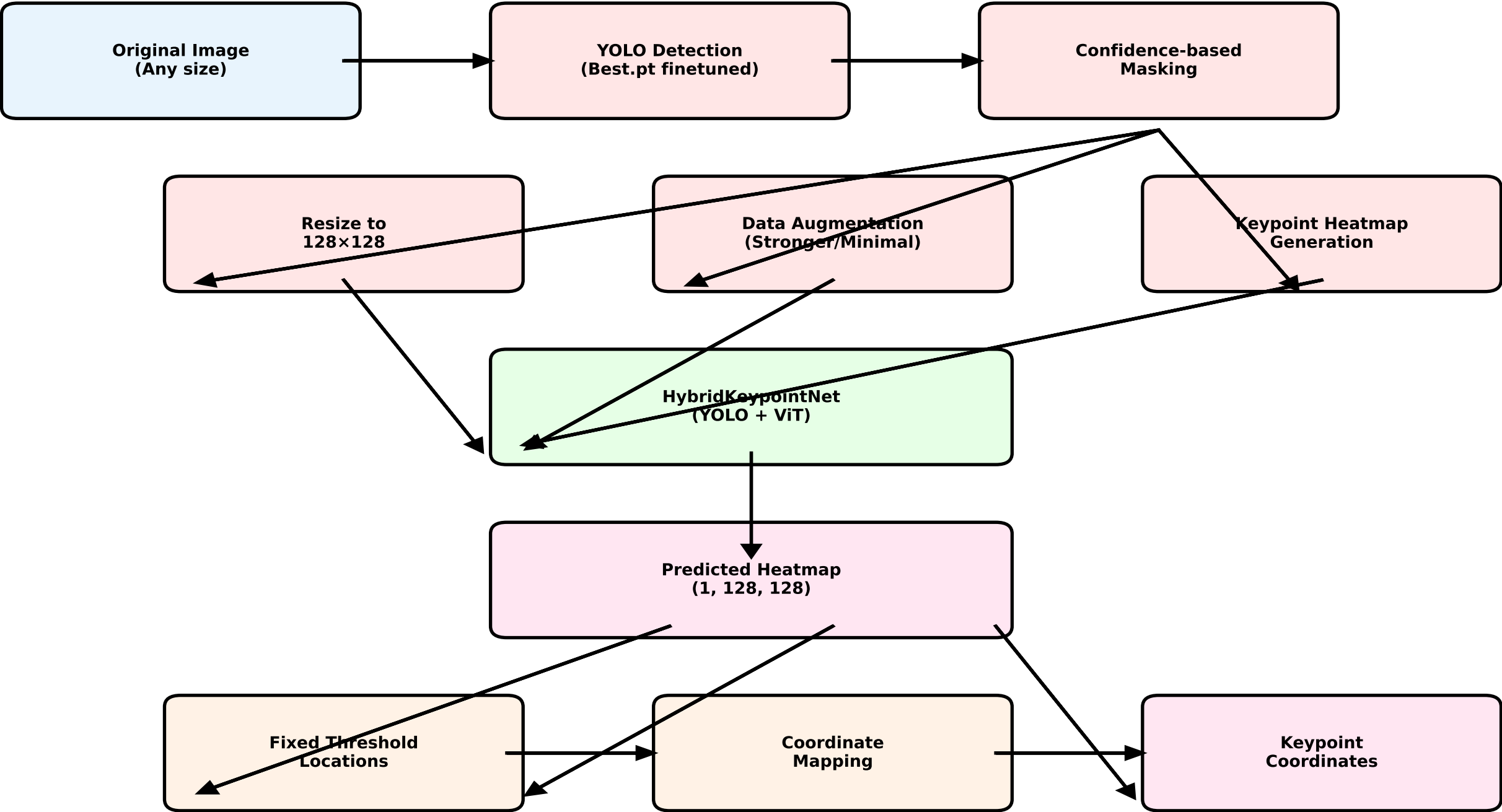


Complete Data Processing Pipeline



- Key Optimizations:
- Confidence-based masking refinement
 - Fixed coordinate system mapping
 - Single peak detection per keypoint
 - Proper train/eval data separation
 - FP16 mixed precision training
 - Gradient accumulation & early stopping