

$$B_{\text{m}} = \frac{b_{\text{max}}}{P_{\text{max}}} = \frac{\text{memory bandwidth}}{\text{peak arithmetic performance}}$$

$$b_{\text{max}} = \frac{10.6 \text{ GB/s}}{8 \text{ Byte}} = 1.325 \text{ GByte/s}$$

$$P_{\text{max}} = 2 \times 3.0 \text{ GHz} \times 4 = 24 \text{ GHz}$$

$$B_{\text{m}} = \frac{b_{\text{max}}}{P_{\text{max}}} \approx 0.055$$