

Ds

## Formula for nD Array

### Example :

Type A[d1] [d2] [d3] [d4]

### Row Major

$\text{Add}(A[i_1][i_2][i_3][i_4]) = L_0 + [i_1 * d_2 * d_3 * d_4 + i_2 * d_3 * d_4 + i_3 * d_4 + i_4] * w$

### Column Major

$\text{Add}(A[i_1][i_2][i_3][i_4]) = L_0 + [i_4 * d_1 * d_2 * d_3 + i_3 * d_1 * d_2 + i_2 * d_1 + i_1] * w$