| **Bit Position** | **Bit Value** | **Power of 2** | **Calculation** |
| --- | --- | --- | --- |
| 7 | 1 | 2⁷ = 128 | 1 × 128 = 128 |
| 6 | 1 | 2⁶ = 64 | 1 × 64 = 64 |
| 5 | 0 | 2⁵ = 32 | 0 × 32 = 0 |
| 4 | 1 | 2⁴ = 16 | 1 × 16 = 16 |
| 3 | 1 | 2³ = 8 | 1 × 8 = 8 |
| 2 | 1 | 2² = 4 | 1 × 4 = 4 |
| 1 | 0 | 2¹ = 2 | 0 × 2 = 0 |
| 0 | 1 | 2⁰ = 1 | 1 × 1 = 1 |

128 + 64 + 0 + 16 + 8 + 4 + 0 + 1 = 221

Hamed Amiri - May 7, 2025