

DDR5 DIMM Support Matrix for Intel Xeon 6500P/6700P-series processors

Type	Ranks Per DIMM and Data Width	DIMM Capacity (GB)						Channel Speed (MT/s); Voltage (V); Slots per Channel (SPC) & DIMMs per Channel (DPC)	
		DRAM Density							
		16Gb		24Gb		32Gb		1DPC/2SPC	2DPC/2SPC
		1DPC	2DPC	1DPC	2DPC	1DPC	2DPC	1.1V	
RDIMM	1Rx8	16GB		24GB				6400, 6000, 5600, 5200, 4800 (DDR5-6400 rated RDIMMS only)	5200, 4800 (DDR5-6400 rated RDIMMS only)
	1Rx4	32GB		48GB					
	2Rx8	32GB	32GB	48GB					
	2Rx4	64GB*	64GB**	96GB*	96GB**	128GB*	128GB**		
RDIMM3DS	8Rx4		256GB*						
MRDIMM	2Rx8	32GB						8000, 7200 (MRDIMM-8800 only)	N/A (no 2DPC configs for MRDIMM)
	2Rx4	64GB							

*Supported in 1S/2S/4S systems

**Supported in 8S systems

All others support 1S/2S only