



ORION Memory Product Specifications

Specifications & Model Numbers - Single Channel							
Racing Red Heat Spreader							
Model Number	Frequency	CAS Latency	Capacity	Voltage	XMP Support	Intel Z270/Z370/Z390	
GOR48GB2666C19SC	2666	19-19-19-43	8GB	1.2V	X	O	
GOR416GB2666C19SC			16GB		X	O	
GOR432GB2666C19SC			32GB		X	O	
GOR48GB3000C16ASC	3000	16-18-18-36	8GB	1.35V	O	O	
GOR416GB3000C16ASC			16GB		O	O	
GOR48GB3200C16ASC	3200	16-18-18-36	8GB	1.35V	O	O	
GOR416GB3200C16ASC			16GB		O	O	
GOR48GB3200C16BSC		16-20-20-40	8GB		O	O	
GOR416GB3200C16BSC			16GB		O	O	
*GOR48GB3200C22SC		22-22-22-52		8GB	1.2V	X	O
*GOR416GB3200C22SC				16GB		X	O
*GOR432GB3200C22SC				32GB		X	O
*GOR48GB3600C18ASC		3600	18-20-20-40	8GB	1.35V	O	O
*GOR416GB3600C18ASC				16GB		O	O
*GOR48GB3600C18BSC			18-22-22-42	8GB		O	O
*GOR416GB3600C18BSC	16GB			O		O	
*GOR432GB3600C18BSC	32GB			O		O	
**GOR48GB4000C18BSC	4000			18-24-24-44		8GB	1.4V
**GOR416GB4000C18BSC		16GB	O		X		
**GOR432GB4000C18BSC		32GB	O		X		

*Note: Specific speed was only supported by Z390 motherboards.

** Note: Specific speed was only supported by Z490 motherboards.

Specifications & Model Numbers - Single Channel							
Titanium Gray Heat Spreader							
Model Number	Frequency	CAS Latency	Capacity	Voltage	XMP Support	Intel Z270/Z370/Z390	
GOG48GB2666C19SC	2666	19-19-19-43	8GB	1.2V	X	O	
GOG416GB2666C19SC			16GB		X	O	
GOG432GB2666C19SC			32GB		X	O	
GOG48GB3000C16ASC	3000	16-18-18-36	8GB	1.35V	O	O	
GOG416GB3000C16ASC			16GB		O	O	
GOG48GB3200C16ASC	3200	16-18-18-36	8GB	1.35V	O	O	
GOG416GB3200C16ASC			16GB		O	O	
GOG48GB3200C16BSC		16-20-20-40	8GB		O	O	
GOG416GB3200C16BSC			16GB		O	O	
*GOG432GB3200C18BSC		18-22-22-42		32GB	1.2V	O	O
*GOG48GB3200C22SC				8GB		X	O
*GOG416GB3200C22SC				16GB		X	O
*GOG432GB3200C22SC		22-22-22-52		32GB	1.2V	X	O
*GOG48GB3600C18ASC				3600		18-20-20-40	8GB
*GOG416GB3600C18ASC		16GB	O		O		
*GOG48GB3600C18BSC	18-22-22-42	8GB	O		O		
*GOG416GB3600C18BSC		16GB	O		O		
*GOG48GB3600C18BSC		8GB	O		O		
*GOG416GB3600C18BSC		16GB	O		O		

*GOG432GB3600C18BSC			32GB		O	O
**GOG48GB4000C18BSC	4000	18-24-24-44	8GB	1.4V	O	X
**GOG416GB4000C18BSC			16GB		O	X
**GOG432GB4000C18BSC			32GB		O	X
*Note: Specific speed was only supported by Z390 motherboards.						
** Note: Specific speed was only supported by Z490 motherboards.						

Specifications & Model Numbers - Dual Channel							
Racing Red Heat Spreader							
Model Number	Frequency	CAS Latency	Capacity	Voltage	XMP Support	Intel	
						Z270/Z370/Z390	
GOR416GB2666C19DC	2666	19-19-19-43	16GB, 8GBx2	1.2V	X	O	
GOR432GB2666C19DC			32GB, 16GBx2		X	O	
GOR464GB2666C19DC			64GB, 32GBx2		X	O	
GOR416GB3000C16ADC	3000	16-18-18-36	16GB, 8GBx2	1.35V	O	O	
GOR432GB3000C16ADC			32GB, 16GBx2		O	O	
GOR416GB3200C16ADC	3200	16-18-18-36	16GB, 8GBx2	1.35V	O	O	
GOR432GB3200C16ADC			32GB, 16GBx2		O	O	
GOR416GB3200C16BDC		16-20-20-40	16GB, 8GBx2		O	O	
GOR432GB3200C16BDC			32GB, 16GBx2		O	O	
*GOR416GB3200C22DC		22-22-22-52	16GB, 8GBx2	1.2V	X	O	
*GOR432GB3200C22DC			32GB, 16GBx2		X	O	
*GOR464GB3200C22DC			64GB, 32GBx2		X	O	
*GOR416GB3600C18ADC		3600	18-20-20-40	16GB, 8GBx2	1.35V	O	O
*GOR432GB3600C18ADC				32GB, 16GBx2		O	O
*GOR416GB3600C18BDC			18-22-22-42	16GB, 8GBx2		O	O
*GOR432GB3600C18BDC	32GB, 16GBx2			O		O	
*GOR464GB3600C18BDC	64GB, 32GBx2			O		O	
**GOR416GB4000C18BDC	4000			18-24-24-44		16GB, 8GBx2	O
**GOR432GB4000C18BDC		32GB, 16GBx2	O		X		
**GOR464GB4000C18BDC		64GB, 32GBx2	O		X		
*Note: Specific speed was only supported by Z390 motherboards.							
** Note: Specific speed was only supported by Z490 motherboards.							

Specifications & Model Numbers - Dual Channel							
Titanium Gray Heat Spreader							
Model Number	Frequency	CAS Latency	Capacity	Voltage	XMP Support	Intel	
						Z270/Z370/Z390	
GOG416GB2666C19DC	2666	19-19-19-43	16GB, 8GBx2	1.2V	X	O	
GOG432GB2666C19DC			32GB, 16GBx2		X	O	
GOG464GB2666C19DC			64GB, 32GBx2		X	O	
GOG416GB3000C16ADC	3000	16-18-18-36	16GB, 8GBx2	1.35V	O	O	
GOG432GB3000C16ADC			32GB, 16GBx2		O	O	
GOG416GB3200C16ADC	3200	16-18-18-36	16GB, 8GBx2	1.35V	O	O	
GOG432GB3200C16ADC			32GB, 16GBx2		O	O	
GOG416GB3200C16BDC		16-20-20-40	16GB, 8GBx2		O	O	
GOG432GB3200C16BDC			32GB, 16GBx2		O	O	
*GOG416GB3200C22DC		22-22-22-52	16GB, 8GBx2	1.2V	X	O	
*GOG432GB3200C22DC			32GB, 16GBx2		X	O	
*GOG464GB3200C22DC			64GB, 32GBx2		X	O	
*GOG416GB3600C18ADC		3600	18-20-20-40	16GB, 8GBx2	1.35V	O	O
*GOG432GB3600C18ADC				32GB, 16GBx2		O	O
*GOG416GB3600C18BDC			18-22-22-42	16GB, 8GBx2		O	O



*GOG432GB3600C18BDC			32GB, 16GBx2		O	O
*GOG464GB3600C18BDC			64GB, 32GBx2		O	O
**GOG416GB4000C18BDC	4000	18-24-24-44	16GB, 8GBx2	1.4V	O	X
**GOG432GB4000C18BDC			32GB, 16GBx2		O	X
**GOG464GB4000C18BDC			64GB, 32GBx2		O	X
*Note: Specific speed was only supported by Z390 motherboards.						
** Note: Specific speed was only supported by Z490 motherboards.						

Specifications & Model Numbers - Quad Channel									
Racing Red Heat Spreader									
Model Number	Frequency	CAS Latency	Capacity	Voltage	XMP Support	Intel			
						Z270/Z370/Z390			
GOR432GB2666C19QC	2666	19-19-19-43	32GB, 8GBx4	1.2V	X	O			
GOR464GB2666C19QC			64GB, 16GBx4		X	O			
GOR4128GB2666C19QC			128GB, 32GBx4		X	O			
GOR432GB3000C16AQC	3000	16-18-18-36	32GB, 8GBx4	1.35V	O	O			
GOR464GB3000C16AQC			64GB, 16GBx4		O	O			
GOR432GB3200C16AQC	3200	16-18-18-36	32GB, 8GBx4	1.35V	O	O			
GOR464GB3200C16AQC			64GB, 16GBx4		O	O			
GOR432GB3200C16BQC		16-20-20-40	32GB, 8GBx4		O	O			
GOR464GB3200C16BQC			64GB, 16GBx4		O	O			
GOR4128GB3200C16BQC			128GB, 32GBx4		O	O			
GOR464GB3200C18AQC			18-20-20-38		64GB, 16GBx4	O	O		
GOR4128GB3200C18AQC		128GB, 32GBx4			O	O			
GOR464GB3200C18BQC		18-22-22-42			64GB, 16GBx4	O	O		
GOR4128GB3200C18BQC					128GB, 32GBx4	O	O		
*GOR432GB3200C22QC		3600	18-22-22-42		32GB, 8GBx4	1.2V	X	O	
*GOR464GB3200C22QC					22-22-22-52		64GB, 16GBx4	X	O
*GOR4128GB3200C22QC							128GB, 32GBx4	X	O
*GOR432GB3600C18BQC	3600	18-22-22-42	32GB, 8GBx4	1.35V	O	O			
*GOR464GB3600C18BQC			64GB, 16GBx4		O	O			
*GOR4128GB3600C18BQC			128GB, 32GBx4		O	O			
**GOR432GB4000C18BQC	4000	18-24-24-44	32GB, 8GBx4	1.4V	O	X			
*Note: Specific speed was only supported by Z390 motherboards.									
** Note: Specific speed was only supported by Z490 motherboards.									

Specifications & Model Numbers - Quad Channel							
Titanium Gray Heat Spreader							
Model Number	Frequency	CAS Latency	Capacity	Voltage	XMP Support	Intel	
						Z270/Z370/Z390	
GOG432GB2666C19QC	2666	19-19-19-43	32GB, 8GBx4	1.2V	X	O	
GOG464GB2666C19QC			64GB, 16GBx4		X	O	
GOG4128GB2666C19QC			128GB, 32GBx4		X	O	
GOG432GB3000C16AQC	3000	16-18-18-36	32GB, 8GBx4	1.35V	O	O	
GOG464GB3000C16AQC			64GB, 16GBx4		O	O	
GOG432GB3200C16AQC	3200	16-18-18-36	32GB, 8GBx4	1.35V	O	O	
GOG464GB3200C16AQC			64GB, 16GBx4		O	O	
GOG432GB3200C16BQC		16-20-20-40	32GB, 8GBx4		O	O	
GOG464GB3200C16BQC			64GB, 16GBx4		O	O	
GOG4128GB3200C16BQC			128GB, 32GBx4		O	O	
GOG464GB3200C18AQC			18-20-20-38		64GB, 16GBx4	O	O
GOG4128GB3200C18AQC		128GB, 32GBx4			O	O	
GOG464GB3200C18BQC		18-22-22-42			64GB, 16GBx4	O	O
GOG4128GB3200C18BQC					64GB, 16GBx4	O	O

GOG4128GB3200C18BQC			128GB, 32GBx4		O	O
*GOG432GB3200C22QC		22-22-22-52	32GB, 8GBx4	1.2V	X	O
*GOG464GB3200C22QC			64GB, 16GBx4		X	O
*GOG4128GB3200C22QC			128GB, 32GBx4		X	O
*GOG432GB3600C18BQC	3600		18-22-22-42		32GB, 8GBx4	1.35V
*GOG464GB3600C18BQC		64GB, 16GBx4		O	O	
*GOG4128GB3600C18BQC		128GB, 32GBx4		O	O	
**GOG432GB4000C18BQC	4000	18-24-24-44	32GB, 8GBx4	1.4V	O	X
*Note: Specific speed was only supported by Z390 motherboards.						
** Note: Specific speed was only supported by Z490 motherboards.						