

ORION RGB

Memory Product Specifications



Specifications & Model Numbers - Single Channel							
Racing Red Heat Spreader							
Marshal Niverban	F	CACLatanan	Comparity	V-lt	XMP	Intel	
Model Number	Frequency	CAS Latency	Capacity	Voltage	Support	Z270/Z370/Z390	
GOSR48GB2666C19SC			8GB		Х	0	
GOSR416GB2666C19SC	2666	19-19-19-43	16GB	1.2V	Х	0	
GOSR432GB2666C19SC			32GB		X	0	
GOSR48GB3000C16ASC	3000 16-18-18-36 8GB 1.35V	0	0				
GOSR416GB3000C16ASC	3000	10-18-18-30	16GB	1.35V	0	0	
GOSR48GB3200C16ASC		16-18-18-36	8GB		0	0	
GOSR416GB3200C16ASC		10-10-10-30	16GB		0	0	
GOSR48GB3200C16BSC	3200		8GB		0	0	
GOSR416GB3200C16BSC		16-20-20-40	16GB		0	0	
GOSR432GB3200C16BSC			32GB	1.35V	0	0	
GOSR416GB3200C18ASC		18-20-20-38		0	0		
GOSR432GB3200C18ASC	3200	16-20-20-36	32GB		0	0	
GOSR416GB3200C18BSC		18-22-22-42	16GB		0	0	
GOSR432GB3200C18BSC		18-22-22-42	32GB		0	0	
*GOSR48GB3200C22SC			8GB		X	0	
*GOSR416GB3200C22SC		22-22-22-52	16GB	1.2V	Χ	0	
*GOSR432GB3200C22SC			32GB		Χ	0	
*GOSR48GB3600C18ASC		18-20-20-40	8GB		0	0	
*GOSR416GB3600C18ASC		16-20-20-40	16GB		0	0	
*GOSR48GB3600C18BSC	3600		8GB	1.35V	0	0	
*GOSR416GB3600C18BSC		18-22-22-42	16GB		0	0	
*GOSR432GB3600C18BSC			32GB		0	0	
**GOSR48GB4000C18BSC			8GB		0	X	
**GOSR416GB4000C18BSC	4000	18-24-24-44	16GB	1.4V	0	X	
**GOSR432GB4000C18BSC			32GB		0	X	
	*Note: Specific speed was only supported by Z390 motherboards. ** Note: Specific speed was only supported by Z490 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			
GOSG48GB2666C19SC			8GB		X	0			
GOSG416GB2666C19SC	2666	19-19-19-43	16GB	1.2V	Х	0			
GOSG432GB2666C19SC		32GB		Х	0				
GOSG48GB3000C16ASC	3000	16-18-18-36 8GB	1.35V	0	0				
GOSG416GB3000C16ASC	3000	10-10-10-30	16GB	1.55	0	0			
GOSG48GB3200C16ASC		16-18-18-36	8GB		0	0			
GOSG416GB3200C16ASC		10-18-18-30	16GB		0	0			
GOSG48GB3200C16BSC			8GB		0	0			
GOSG416GB3200C16BSC	3200	16-20-20-40	16GB	1.35V	0	0			
GOSG432GB3200C16BSC			32GB		0	0			
GOSG416GB3200C18ASC		18-20-20-38	16GB		0	0			
GOSG432GB3200C18ASC		10-20-20-30	32GB		0	0			



GOSG416GB3200C18BSC		18-22-22-42	16GB		0	0
GOSG432GB3200C18BSC		18-22-22-42	32GB		0	0
*GOSG48GB3200C22SC			8GB		Χ	0
*GOSG416GB3200C22SC	3200	22-22-22-52	16GB	1.2V	Χ	0
*GOSG432GB3200C22SC			32GB		Χ	0
*GOSG48GB3600C18ASC		18-20-20-40	8GB		0	0
*GOSG416GB3600C18ASC		16-20-20-40	16GB		0	0
*GOSG48GB3600C18BSC	3600		8GB	1.35V	0	0
*GOSG416GB3600C18BSC		18-22-22-42	16GB		0	0
*GOSG432GB3600C18BSC			32GB		0	0
**GOSG48GB4000C18BSC			8GB		0	X
**GOSG416GB4000C18BSC	4000	18-24-24-44	16GB	1.4V	0	X
**GOSG432GB4000C18BSC			32GB		0	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	
GOSR416GB2666C19DC			16GB, 8GBx2		X	0	
GOSR432GB2666C19DC	2666	19-19-19-43	32GB, 16GBx2	1.2V	X	0	
GOSR464GB2666C19DC			64GB, 32GBx2		X	0	
GOSR416GB3000C16ADC	3000	16-18-18-36	16GB, 8GBx2	1.35V	0	0	
GOSR432GB3000C16ADC	3000	10-16-16-30	32GB, 16GBx2	1.554	0	0	
GOSR416GB3200C16ADC		16-18-18-36	16GB, 8GBx2		0	0	
GOSR432GB3200C16ADC		10-10-10-30	32GB, 16GBx2		0	0	
GOSR416GB3200C16BDC	3200		16GB, 8GBx2		0	0	
GOSR432GB3200C16BDC		16-20-20-40	32GB, 16GBx2		0	0	
GOSR464GB3200C16BDC			64GB, 32GBx2	1.35V	0	0	
GOSR432GB3200C18ADC		10 20 20 20	32GB, 16GBx2	Bx2	0	0	
GOSR464GB3200C18ADC		18-20-20-38	64GB, 32GBx2		0	0	
GOSR432GB3200C18BDC		10 22 22 12	32GB, 16GBx2		0	0	
GOSR464GB3200C18BDC		18-22-22-42	64GB, 32GBx2		0	0	
*GOSR416GB3200C22DC			16GB, 8GBx2		Х	0	
*GOSR432GB3200C22DC		22-22-22-52	32GB, 16GBx2	1.2V	Х	0	
*GOSR464GB3200C22DC			64GB, 32GBx2		Х	0	
*GOSR416GB3600C18ADC		10 20 20 40	16GB, 8GBx2		0	0	
*GOSR432GB3600C18ADC		18-20-20-40	32GB, 16GBx2		0	0	
*GOSR416GB3600C18BDC	3600		16GB, 8GBx2	1.35V	0	0	
*GOSR432GB3600C18BDC		18-22-22-42	32GB, 16GBx2		0	0	
*GOSR464GB3600C18BDC			64GB, 32GBx2		0	0	
**GOSR416GB4000C18BDC			16GB, 8GBx2		0	X	
**GOSR432GB4000C18BDC	4000	18-24-24-44	32GB, 16GBx2	1.4V	0	X	
**GOSR464GB4000C18BDC			64GB, 32GBx2		0	X	
GOSR416GB4266C18ADC	4266	18-24-24-44	16GB, 8GBx2	1.45V	0	O(ONLY Z590)	
**GOSR416GB4400C18ADC	4400	18-24-24-44	16GB, 8GBx2	1 451	0	Х	
**GOSR416GB4400C19ADC	4400	19-24-24-44	16GB, 8GBx2	1.45V	0	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
GOSG416GB2666C19DC			16GB, 8GBx2		Х	0
GOSG432GB2666C19DC	2666	19-19-19-43	32GB, 16GBx2	1.2V	Х	0
GOSG464GB2666C19DC			64GB, 32GBx2		Х	0
GOSG416GB3000C16ADC	2000	16 10 10 26	16GB, 8GBx2	1 251/	0	0
GOSG432GB3000C16ADC	3000	16-18-18-36	32GB, 16GBx2	1.35V	0	0
GOSG416GB3200C16ADC		16 10 10 26	16GB, 8GBx2		0	0
GOSG432GB3200C16ADC		16-18-18-36	32GB, 16GBx2		0	0
GOSG416GB3200C16BDC			16GB, 8GBx2			
GOSG432GB3200C16BDC	3200	16-20-20-40	32GB, 16GBx2		0	0
GOSG464GB3200C16BDC			64GB, 32GBx2	1.35V	0	0
GOSG432GB3200C18ADC		32GB, 16GBx2		0	0	
GOSG464GB3200C18ADC		18-20-20-38	64GB, 32GBx2		0	0
GOSG432GB3200C18BDC		32GB, 16GBx2		0	0	
GOSG464GB3200C18BDC		18-22-22-42	64GB, 32GBx2		0	0
*GOSG416GB3200C22DC			16GB, 8GBx2		Х	0
*GOSG432GB3200C22DC		22-22-22-52	32GB, 16GBx2	1.2V	Х	0
*GOSG464GB3200C22DC			64GB, 32GBx2		Х	0
*GOSG416GB3600C18ADC		19 20 20 40	16GB, 8GBx2		0	0
*GOSG432GB3600C18ADC		18-20-20-40	32GB, 16GBx2		0	0
*GOSG416GB3600C18BDC	3600		16GB, 8GBx2	1.35V	0	0
*GOSG432GB3600C18BDC		18-22-22-42	32GB, 16GBx2		0	0
*GOSG464GB3600C18BDC			64GB, 32GBx2		0	0
**GOSG416GB4000C18BDC			16GB, 8GBx2		0	X
**GOSG432GB4000C18BDC	4000	18-24-24-44	32GB, 16GBx2	1.4V	0	X
**GOSG464GB4000C18BDC			64GB, 32GBx2		0	X
GOSG416GB4266C18ADC	4266	18-24-24-44	16GB, 8GBx2	1.45V	0	O(ONLY Z590)
**GOSG416GB4400C18ADC	4400	18-24-24-44	16GB, 8GBx2	1 / E\ /	0	X
**GOSG416GB4400C19ADC	4400	19-24-24-44	16GB, 8GBx2	1.45V	0	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		
GOSR432GB2666C19QC			32GB, 8GBx4		Х	0		
GOSR464GB2666C19QC	2666	19-19-19-43	64GB, 16GBx4	1.2V	Χ	0		
GOSR4128GB2666C19QC			128GB, 32GBx4		Χ	0		
GOSR432GB3000C16AQC	2000	16-18-18-36	32GB, 8GBx4	1.35V	0	0		
GOSR464GB3000C16AQC	3000	10-10-10-30	64GB, 16GBx4	1.55	0	0		
GOSR432GB3200C16AQC		16-18-18-36	32GB, 8GBx4		0	0		
GOSR464GB3200C16AQC		10-10-10-30	64GB, 16GBx4		0	0		
GOSR432GB3200C16BQC			32GB, 8GBx4		0	0		
GOSR464GB3200C16BQC	3200	16-20-20-40	64GB, 16GBx4	1.35V	0	0		
GOSR4128GB3200C16BQC	3200		128GB, 32GBx4	1.35V	0	0		
GOSR464GB3200C18AQC		18-20-20-38	64GB, 16GBx4		0	0		
GOSR4128GB3200C18AQC		10-20-20-38	128GB, 32GBx4		0	0		
GOSR464GB3200C18BQC		18-22-22-42	64GB, 16GBx4		0	0		



GOSR4128GB3200C18BQC			128GB, 32GBx4		0	0
*GOSR432GB3200C22QC			32GB, 8GBx4		Χ	0
*GOSR464GB3200C22QC		22-22-22-52	64GB, 16GBx4	1.2V	Χ	0
*GOSR4128GB3200C22QC			128GB, 32GBx4		Χ	0
*GOSR432GB3600C18BQC			32GB, 8GBx4		0	0
*GOSR464GB3600C18BQC	3600	18-22-22-42	64GB, 16GBx4	1.35V	0	0
*GOSR4128GB3600C18BQC			128GB, 32GBx4		0	0
**GOSR432GB4000C18BQC	4000	18-24-24-44	32GB, 8GBx4	1.4V	0	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	
GOSG432GB2666C19QC			32GB, 8GBx4		Х	0	
GOSG464GB2666C19QC	2666	19-19-19-43	64GB, 16GBx4	1.2V	Х	0	
GOSG4128GB2666C19QC			128GB, 32GBx4		X	0	
GOSG432GB3000C16AQC	3000	16-18-18-36	32GB, 8GBx4	1 251/	0	0	
GOSG464GB3000C16AQC	3000	10-18-18-30	64GB, 16GBx4	1.35V	0	0	
GOSG432GB3200C16AQC		16-18-18-36	32GB, 8GBx4		0	0	
GOSG464GB3200C16AQC		16-18-18-36	64GB, 16GBx4		0	0	
GOSG432GB3200C16BQC			32GB, 8GBx4		0	0	
GOSG464GB3200C16BQC		16-20-20-40	64GB, 16GBx4		0	0	
GOSG4128GB3200C16BQC			128GB, 32GBx4	1.35V	0	0	
GOSG464GB3200C18AQC	3200	18-20-20-38	64GB, 16GBx4		0	0	
GOSG4128GB3200C18AQC	3200	10-20-20-36	128GB, 32GBx4		0	0	
GOSG464GB3200C18BQC		18-22-22-42	64GB, 16GBx4		0	0	
GOSG4128GB3200C18BQC		10-22-22-42	128GB, 32GBx4		0	0	
*GOSG432GB3200C22QC			32GB, 8GBx4		Х	0	
*GOSG464GB3200C22QC		22-22-22-52	64GB, 16GBx4	1.2V	Х	0	
*GOSG4128GB3200C22QC			128GB, 32GBx4		Х	0	
*GOSG432GB3600C18BQC			32GB, 8GBx4		0	0	
*GOSG464GB3600C18BQC	3600	18-22-22-42	64GB, 16GBx4	1.35V	0	0	
*GOSG4128GB3600C18BQC			128GB, 32GBx4		0	0	
**GOSG432GB4000C18BQC	4000	18-24-24-44	32GB, 8GBx4	1.4V	0	X	
*Note: Specific speed was only supported by Z390 motherboards.							

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

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