

LED BREATHING LIGHT



DDR4 GAMING

NIGHT HAWK & NIGHT HAWK RGB

THE POWER FROM TEAM GROUP

T-Force | Night Hawk

T-FORCE GAMING DDR4 NIGHT HAWK RGB



Creative concepts of Night Hawk RGB

Inspired by new creative concepts, Team Group created the Night Hawk RGB luminous memory module with heat spreaders in black and white colors. Whether it is the mysterious black night hawk or the pure white night hawk, No matter in the dark or under the light, they are both kings at pursuing top speed. Their hawkeyes glitter sharply with colorful lights go-above and beyond anyone else.



Night Hawk RGB synchronized variable lighting effect ASUS Aura Sync supported

NIGHT HAWK RGB has full color synchronized variable lighting effects, sending dazzling bright lights through the unique hawkkey light lead panel design. User can feel the Force Flow lighting effect after setting up memory module and turn on computer lighting effects, users can synchronize the lighting effect to the system through the function of ASUS Aura Sync, or match and design according to personal preference, so eye catching creative style can be displayed and experience the most trendy, cool and attractive RGB colorful effects.

**This product will support Asus Aura Sync; however, it will need future update from Asus to be functional.*



Unique hawkkeys with battle totem line design. The Symmetric type heat spreader

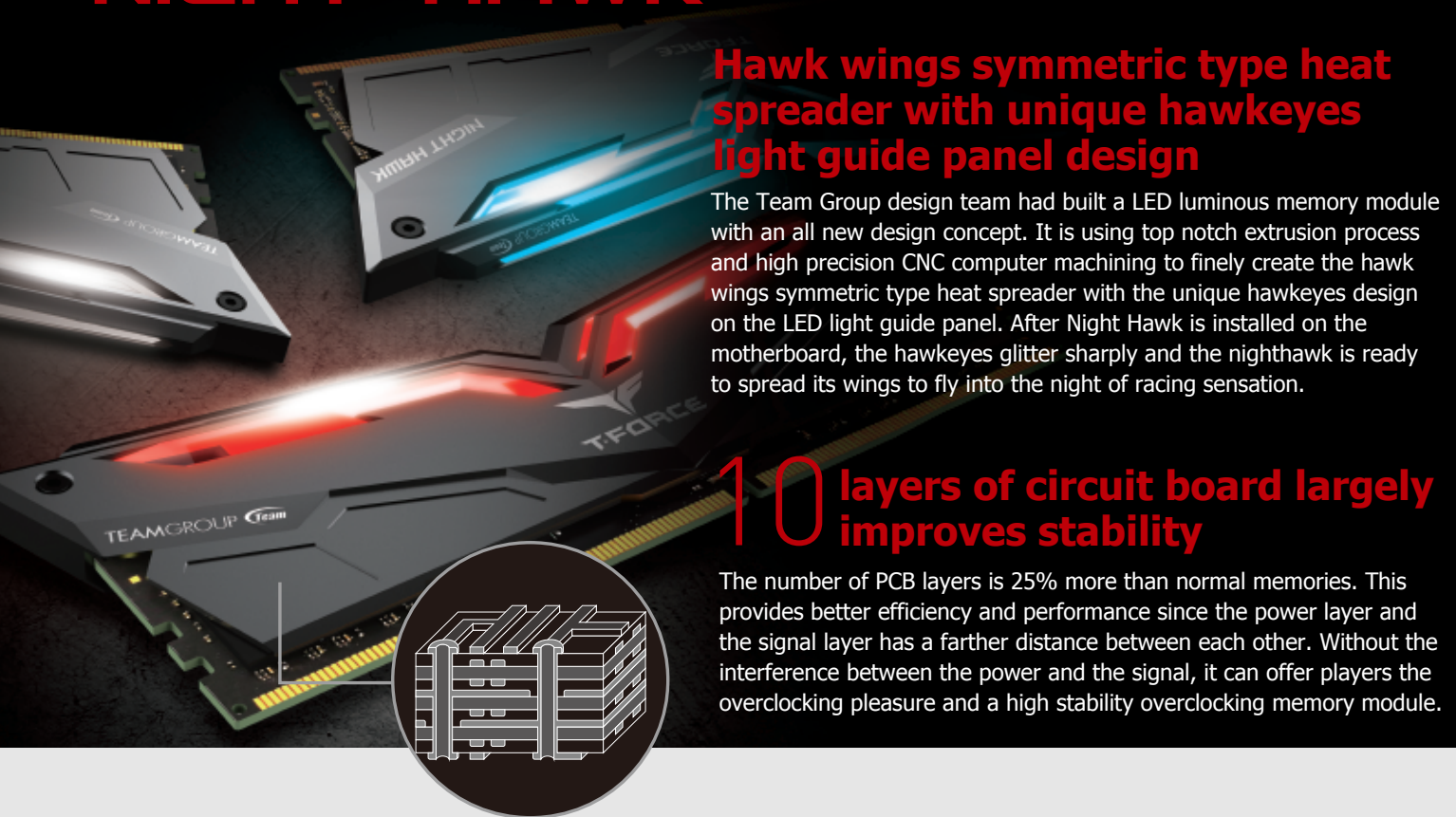
Team Group design team inherits the unique style from the NIGHT HAWK, also adding the battle line that shines as bright as the sun around the hawk eyes. Moreover, it is using top notch extrusion process and high precision CNC computer machining to finely create a symmetric type heat spreader like hawk wings. After NIGHT HAWK RGB is installed on the motherboard, the sharp hawkkeys start to shine bright, the invincible nighthawk is ready to fly and dominate the world of gaming.

Unparalleled Performance

Night Hawk RGB is using the latest JEDEC RC 2.0 PCB. Compared to other manufacturers, the transmitting signal of PCB is increased by 35%. Since the distance between the power layer and the signal layer has increased, there will be no interference between the power and the signal, also has a better efficiency and performance. It offers players the ultimate sensation of overclocking and a highly stable memory module.



T-FORCE GAMING DDR4 NIGHT HAWK



Hawk wings symmetric type heat spreader with unique hawkeyes light guide panel design

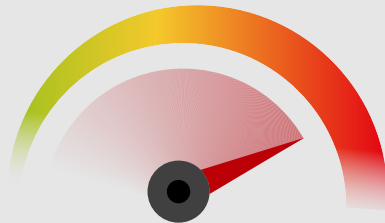
The Team Group design team had built a LED luminous memory module with an all new design concept. It is using top notch extrusion process and high precision CNC computer machining to finely create the hawk wings symmetric type heat spreader with the unique hawkeyes design on the LED light guide panel. After Night Hawk is installed on the motherboard, the hawkeyes glitter sharply and the nighthawk is ready to spread its wings to fly into the night of racing sensation.

10 layers of circuit board largely improves stability

The number of PCB layers is 25% more than normal memories. This provides better efficiency and performance since the power layer and the signal layer has a farther distance between each other. Without the interference between the power and the signal, it can offer players the overclocking pleasure and a high stability overclocking memory module.

XMP2.0 1 step overclocking technology

All Night Hawk series support Intel XMP 2.0. It is only one step away to experience the high speed sensation of overclocking.



Ultra low working voltage Save energy up to 40%

With low working voltage 1.2~1.4V from DDR4 Night Hawk , it is not only energy saving but it can also reduce the temperature and the heat generated to offer the high speed running memory a stable and long time operation.

QVL approved by motherboard manufacturers

Multiple compatibility verifications with mainstream DDR4 motherboards to make sure its stability with all motherboards on the QVL(Qualified Vendor List). Therefore, you wouldn't have to worry about compatibility issues when purchasing high speed memory.





Award Certification

- Golden Pin award 2016
- TAIWAN EXCELLENCE 2017
- COMPUTEX d&i Awards 2017

Main Feature

NIGHT HAWK RGB

- DDR4 LED RGB full color lighting effects
- Using JEDEC Association latest RC 2.0 circuit configuration
- Supports ASUS Aura Sync
- Exclusive hawkkeys with battle totem design
- 1.2~1.4V ultra low working voltage with 40% energy saving

NIGHT HAWK

- Hawk wings symmetric type heat spreader
- Unique hawkkeys light guide panel design
- High-efficiency aluminum heat spreader
- LED breathing light
- 10 layers of circuit board



Specification

Item	Specification			
Module Type	288 Pin Unbuffered DIMM Non ECC			
Capacity	8GBx2 / 16GBx2 (For LED)			
Frequency	2666	2800	3000	3200
Data transfer bandwidth	21,300 MB/s (PC4 21300)	22,400 MB/s (PC4 22400)	24,000 MB/s (PC4 24000)	25,600 MB/s (PC4 25600)
CL-Value	CL15-17-17-35	CL16-18-18-38	CL16-18-18-38	CL16-18-18-38
Voltage	1.2V		1.35V	
Heat Sink	Aluminum heat-sink			
Operation System	Desktop or notebook computer with DDR4 Memory Slots Required OS : Windows 10 / 8.1 / 8 / 7 / Vista / XP			
Warranty	Lifetime Warranty			

Ordering Information

NIGHT HAWK RGB

Color	Description	Light	Timings/Voltage	Capacity	Team P/N
Black	TEAM Night Hawk RGB UD-D4 2666	RGB	CL15-15-15-35 1.2V	8GBx2	TF1D416G2666HC15BDC01
	TEAM Night Hawk RGB UD-D4 2800		CL16-18-18-38 1.2V		TF1D416G2800HC16CDC01
	TEAM Night Hawk RGB UD-D4 3000		CL16-18-18-38 1.35V		TF1D416G3000HC16CDC01
	TEAM Night Hawk RGB UD-D4 3200		CL16-18-18-38 1.35V		TF1D416G3200HC16CDC01
White	TEAM Night Hawk RGB UD-D4 2666	RGB	CL15-15-15-35 1.2V	8GBx2	TF2D416G2666HC15BDC01
	TEAM Night Hawk RGB UD-D4 2800		CL16-18-18-38 1.2V		TF2D416G2800HC16CDC01
	TEAM Night Hawk RGB UD-D4 3000		CL16-18-18-38 1.35V		TF2D416G3000HC16CDC01
	TEAM Night Hawk RGB UD-D4 3200		CL16-18-18-38 1.35V		TF2D416G3200HC16CDC01

Ordering Information *NIGHT HAWK LED*

Color	Description	Light	Timings/Voltage	Capacity	Team P/N
Black	TEAM Night Hawk UD-D4 2666	Red	CL15-17-17-35 1.2V	8GBx2	THRD416G2666HC15BDC01
			CL15-17-17-35 1.2V	16GBx2	THRD432G2666HC15BDC01
	TEAM Night Hawk UD-D4 2800		CL16-18-18-38 1.2V	8GBx2	THRD416G2800HC16CDC01
			CL16-18-18-38 1.2V	16GBx2	THRD432G2800HC16CDC01
	TEAM Night Hawk UD-D4 3000		CL16-18-18-38 1.35V	8GBx2	THRD416G3000HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	THRD432G3000HC16CDC01
	TEAM Night Hawk UD-D4 3200		CL16-18-18-38 1.35V	8GBx2	THRD416G3200HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	THRD432G3200HC16CDC01
Black	TEAM Night Hawk UD-D4 2666	White	CL15-17-17-35 1.2V	8GBx2	THWD416G2666HC15BDC01
			CL15-17-17-35 1.2V	16GBx2	THWD432G2666HC15BDC01
	TEAM Night Hawk UD-D4 2800		CL16-18-18-38 1.2V	8GBx2	THWD416G2800HC16CDC01
			CL16-18-18-38 1.2V	16GBx2	THWD432G2800HC16CDC01
	TEAM Night Hawk UD-D4 3000		CL16-18-18-38 1.35V	8GBx2	THWD416G3000HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	THWD432G3000HC16CDC01
	TEAM Night Hawk UD-D4 3200		CL16-18-18-38 1.35V	8GBx2	THWD416G3200HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	THWD432G3200HC16CDC01
Black	TEAM Night Hawk UD-D4 2666	Blue	CL15-17-17-35 1.2V	8GBx2	THBD416G2666HC15BDC01
			CL15-17-17-35 1.2V	16GBx2	THBD432G2666HC15BDC01
	TEAM Night Hawk UD-D4 2800		CL16-18-18-38 1.2V	8GBx2	THBD416G2800HC16CDC01
			CL16-18-18-38 1.2V	16GBx2	THBD432G2800HC16CDC01
	TEAM Night Hawk UD-D4 3000		CL16-18-18-38 1.35V	8GBx2	THBD416G3000HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	THBD432G3000HC16CDC01
	TEAM Night Hawk UD-D4 3200		CL16-18-18-38 1.35V	8GBx2	THBD416G3200HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	THBD432G3200HC16CDC01

Above technical information is based on industry standard data and tested to be reliable. However, Team makes no warranty, either expressed or implied, as to its accuracy and assumes no liability in connection with the use of this product.

Team reserves the right to make changes in specifications at any time without prior notice.