

LED Breathing Light



DESIGN
AWARD



TAIWAN
EXCELLENCE
2017

DDR4 GAMING NIGHT HAWK

THE POWER FROM TEAM GROUP

T-Force | Night Hawk

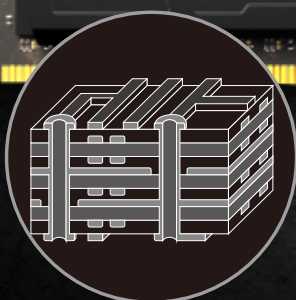
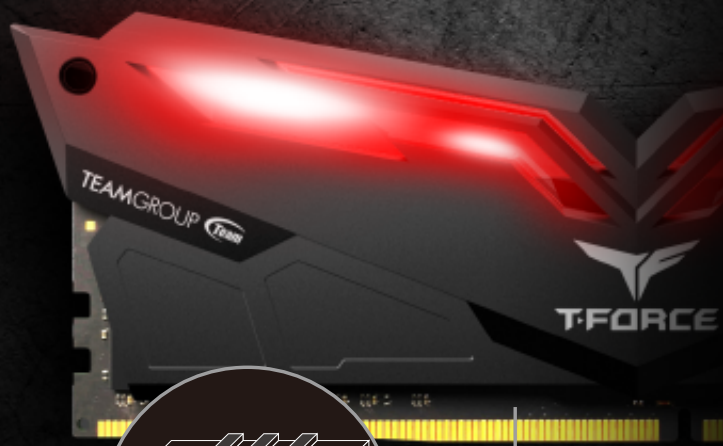
T-FORCE GAMING DDR4 NIGHT HAWK

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.

Design Award

This year, NIGHT HAWK also has won the the most prestige design award in the Chinese speaking market - The Golden Pin Design Award. All 3005 applications were carefully and intensively reviewed by Shenzhen, Beijing, Shanghai and Taipei, and it stands out of 457 applications from Taiwan, Mainland China, Hong Kong, Macao, Malaysia, Singapore, Japan, Switzerland, etc. In addition, being the only awarded memory module once again proves Team Group's solid and industry leading R&D strength.



DESIGN AWARD



Main Feature

- Hawk wings symmetric type heat spreader
- Unique hawkeyes light guide panel design
- High-efficiency aluminum heat spreader
- LED breathing light
- 10 layers of circuit board
- Selected high quality IC chips
- 1.2V~1.4V ultra low working voltage
- Support intel XMP 2.0 smart overclocking technology
- QVL approved by mainstream motherboard manufactures in the market



Specification

Item	Specification			
Module Type	288 Pin Unbuffered DIMM Non ECC			
Capacity	8GBx2 / 16GBx2			
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

Description	LED	Timings/Voltage	Capacity	Team P/N	
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	
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	
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.