T-FORCE

TEAMGROUP Team

reddot award 2019 winner

DESIGN AWARD 2018

COMPUTEX d&i awards 2017 by iF

TAIWAN EXCELLENCE 2017

DESIGN AWARD

AURA SYNC

RGB FUSION 2.0 GIGABYTE

RGB

msi MYSTIC LIGHT SYNC

ASRock POLYCHROME SYNC

BIOSTAR RGB SYNC

RAZER CHROMA RGB

RGB PLUS

DDR4 GAMING

NIGHT HAWK RGB Legend & NIGHT HAWK RGB & NIGHT HAWK

T-FORCE GAMING DDR4
NIGHT HAWK Legend RGB

Considered both performance and compatibility

NIGHT HAWK RGB strikes a new color scheme and new specifications, NIGHT HAWK Legend edition. Provided DDR4 3200 and DDR4 3600 8gb x2 high frequency solutions. Which will focus on both performance and compatibility for intel and AMD platforms. Meanwhile this would make the Legend edition really fits the role in gaming and become the dream device for enthusiastic gamers for the best gaming experience.

T-FORCE GAMING DDR4 NIGHT HAWK RGB

Creative concepts of NIGHT HAWK RGB

Inspired by new creative concepts, TEAMGROUP 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.

T-FORCE NIGHT HAWK RGB Gaming Memory Modules Supports Variety Kinds of Controlled Software

T-FORCE NIGHT HAWK RGB memory module supports ASUS Aura Sync / GIGABYTE RGB Fusion 2.0 / MSI Mystic Light Sync / ASROCK-Polychrome Sync / BIOSTAR Advanced VIVID LED DJ / TT RGB Plus / RAZER CHROMA software[1]. These lightning controlled software allows gamers to control lighting effects and lighting synchronization with T-FORCE NIGHT HAWK RGB luminous memory module. It creates a unique, dazzling color aesthetics and offers a brilliant RGB system!

[1]: For more details about how to control the lighting effect by the software(ASUS Aura Sync / GIGABYTE RGB Fusion 2.0 / MSI Mystic Light Sync / ASROCK-Polychrome Sync / BIOSTAR Advanced VIVID LED DJ / TT RGB Plus / RAZER CHROMA), please visit the official website of the software developer(ASUS/GIGABYTE/MSI/ASRock/BIOSTAR/Thermaltake/RAZER)

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

TEAMGROUP 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 hawkeyes 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.
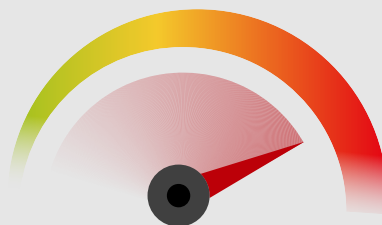
T-FORCE GAMING DDR4 NIGHT HAWK

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

The TEAMGROUP 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.

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

- 2019 Reddot award
- 2018 iF DESIGN AWARD
- TAIWAN EXCELLENCE 2017
- COMPUTEX d&i Awards 2017
- Golden Pin award 2016

reddot award 2019
winner

DESIGN AWARD 2018

COMPUTEX d&i awards 2017 by iF

TAIWAN EXCELLENCE 2017

DESIGN AWARD

Main Feature

NIGHT HAWK RGB / NIGHT HAWK Legend RGB

- DDR4 LED RGB full color lighting effects
- Using JEDEC Association latest RC 2.0 circuit configuration
- Supports ASUS Aura Sync
- Exclusive hawkeyes 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 hawkeyes light guide panel design
- High-efficiency aluminum heat spreader
- LED breathing light

Specification

Item	Specification				
Module Type	288 Pin Unbuffered DIMM Non ECC				
Capacity	8GBx2 / 16GBx2 / 32GBx2		8GBx2 only for Legend		8GBx2 / 16GBx2 only for RGB
Frequency	3000	3200	3200	3466	3600	4000
Data transfer bandwidth	24,000 MB/s (PC4 24000)	25,600 MB/s (PC4 25600)	25,600 MB/s (PC4 25600)	27,700 MB/s (PC4 27700)	28,800 MB/s (PC4 28800)	32,000 MB/s (PC4 32000)
CL-Value	CL16-18-18-38		CL14-14-14-31	CL16-18-18-38	CL18-20-20-44 CL18-22-22-42	
Voltage	1.35V					
Heat Sink	Aluminum heat-sink					
Dimensions	53(H) x 147(L) x 9(W)mm					
Warranty	Lifetime Warranty					

Ordering Information

NIGHT HAWK RGB Legend

Color	Description	Light	Timings/Voltage	Capacity	Team P/N
Gold	TEAM NIGHT HAWK RGB LEGEND UD-D4 3200	RGB	CL14-14-14-31 1.35V	8GBx2	TF7D416G3200HC14ADC01
	TEAM NIGHT HAWK RGB LEGEND UD-D4 3466		CL16-18-18-38 1.35V	8GBx2	TF7D416G3466HC16CDC01

Ordering Information

NIGHT HAWK RGB

Color	Description	Light	Timings/Voltage	Capacity	Team P/N
Black	TEAM NIGHT HAWK RGB UD-D4 3000	RGB	CL16-18-18-38 1.35V	8GBx2	TF1D416G3000HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	TF1D432G3000HC16CDC01
			CL16-18-18-38 1.35V	32GBx2	TF1D464G3000HC16CDC01
	TEAM NIGHT HAWK RGB UD-D4 3200		CL16-18-18-38 1.35V	8GBx2	TF1D416G3200HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	TF1D432G3200HC16CDC01
			CL16-18-18-38 1.35V	32GBx2	TF1D464G3200HC16CDC01
	TEAM NIGHT HAWK RGB UD-D4 3600		CL18-20-20-44 1.35V	8GBx2	TF1D416G3600HC18EDC01
			CL18-22-22-42 1.35V	8GBx2	TF1D416G3600HC18JDC01
			CL18-22-22-42 1.35V	16GBx2	TF1D432G3600HC18JDC01
	TEAM NIGHT HAWK RGB UD-D4 4000		CL18-20-20-44 1.35V	8GBx2	TF1D416G4000HC18EDC01
			CL18-22-22-42 1.35V	8GBx2	TF1D416G4000HC18JDC01
			CL18-22-22-42 1.35V	16GBx2	TF1D432G4000HC18JDC01
White	TEAM NIGHT HAWK RGB UD-D4 3000		CL16-18-18-38 1.35V	8GBx2	TF2D416G3000HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	TF2D432G3000HC16CDC01
			CL16-18-18-38 1.35V	32GBx2	TF2D464G3000HC16CDC01
	TEAM NIGHT HAWK RGB UD-D4 3200		CL16-18-18-38 1.35V	8GBx2	TF2D416G3200HC16CDC01
			CL16-18-18-38 1.35V	16GBx2	TF2D432G3200HC16CDC01
			CL16-18-18-38 1.35V	32GBx2	TF2D464G3200HC16CDC01
	TEAM NIGHT HAWK RGB UD-D4 3600		CL18-20-20-44 1.35V	8GBx2	TF2D416G3600HC18EDC01
			CL18-22-22-42 1.35V	8GBx2	TF2D416G3600HC18JDC01
			CL18-22-22-42 1.35V	16GBx2	TF2D432G3600HC18JDC01
	TEAM NIGHT HAWK RGB UD-D4 4000		CL18-20-20-44 1.35V	8GBx2	TF2D416G4000HC18EDC01
			CL18-22-22-42 1.35V	8GBx2	TF2D416G4000HC18JDC01
			CL18-22-22-42 1.35V	16GBx2	TF2D432G4000HC18JDC01

Ordering Information

NIGHT HAWK LED

Color	Description	Light	Timings/Voltage	Capacity	Team P/N
Black	TEAM NIGHT HAWK UD-D4 3000	Red	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 3000	White	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 3000	Blue	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

RoHS COMPLIANT FC CE