Killer

2.5G ETHERNET

E3100

Developed by Rivet Networks
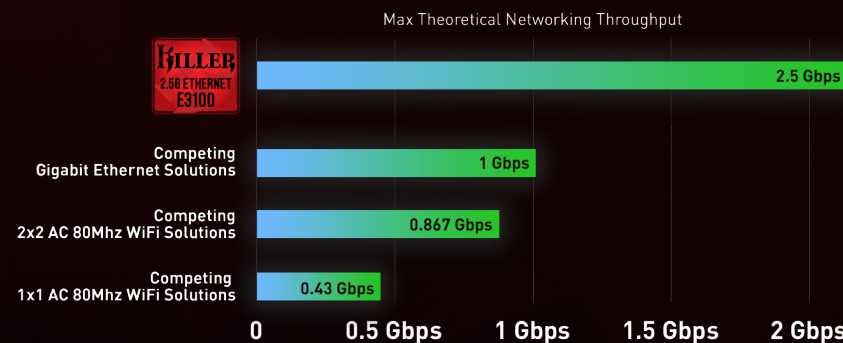
RIVET

NETWORKS

The Killer E3100

KILLER 2.5G ETHERNET E3100

More Now with the **Killer E3100** Ethernet Controller designed for competitive gamers and performance-hungry users. Delivering more performance while using less power, the E3100 is Killer's second-generation Ethernet controller that achieves speeds up to 2.5 Gbps. High-performance routers are rapidly moving to support 2.5 Gbps Ethernet, so the **Killer E3100** is perfect for gamers who want to take advantage of faster speeds to win more and get the most out of their online experience. The **E3100** continues Rivet's push to both prioritize critical PC network traffic AND to optimize traffic based on other parts of the network. The **E3100** introduces Extreme Gaming Mode which automatically detects when the network is congested and optimizes the PC's traffic accordingly to maintain a great gaming experience. This is how the **Killer E3100** gives you the competitive edge:

GAMING AT A WHOLE NEW LEVEL

The Killer E3100 delivers 2.5 Gbps of throughput leaving standard Ethernet products in the dust.

Max Theoretical Networking Throughput

KILLER 2.5G ETHERNET E3100	2.5 Gbps
Competing Gigabit Ethernet Solutions	1 Gbps
Competing 2x2 AC 80Mhz WiFi Solutions	0.867 Gbps
Competing 1x1 AC 80Mhz WiFi Solutions	0.43 Gbps

0   0.5 Gbps   1 Gbps   1.5 Gbps   2 Gbps

The **Killer E3100** keeps your game playing lightning fast. The **Killer E3100** not only has incredible throughput of 2.5 Gbps, but it also includes Advanced Stream Detect 2.0 Technology to accelerate your highest priority network traffic, such as your game, and makes sure that it never has to wait behind less important traffic.

Gaming Performance while Multitasking
In-Game Latency (Lower is Better)

Killer has over **3X** better latency when it matters the most

KILLER E3100   COMPETITION

Tested with Overwatch with Download

AMAZING SPEED:

- The **Killer E3100** gives gamers the edge with its **Killer Prioritization Engine**, which automatically detects game traffic and prioritizes it above less important traffic for incredibly fast, low-latency gameplay. Gamers can expect up over 3X better in-game latency performance during peak network usage periods. Additionally, the **Killer Prioritization Engine** keeps streaming videos and communication fast and smooth, even while downloading game updates, movies, etc.

- The **E3100** boosts gameplay experiences by freeing up to 10% of CPU cycles and 20% of PC memory with its powerful GameFast Technology. During gameplay, GameFast automatically pauses processes that are not needed when gaming, enabling the PC to devote more of its CPU and memory to the game.

ADVANCED INTELLIGENCE:

- The **E3100** features **Killer's** all-new Extreme Game Mode Technology which smartly detects when a gamer is using a congested network and automatically reshapes the PC's network traffic to help ensure that game packets don't get bogged down in your home network.

- The **Killer E3100** utilizes the **Killer Intelligence Engine** to keeps gamers competitive by automatically working to fix networking issues and alerting users when the networking equipment they are connected to is not providing maximum performance.

POWERFUL CONTROL:

- When combined with a **Killer Wi-Fi** product, the **E3100** fully supports **DoubleShot Pro Technology**, which enables the use of both **Killer Wi-Fi** and the **E3100** at the same time to deliver up to 4.9 Gbps of max theoretical throughput. **DoubleShot Pro** works automatically to ensure the highest priority traffic will always be put on the fastest and most reliable link. Users can leverage the **Killer Control Center 2.0** to determine which applications and websites go over Ethernet and which use Wireless.

- The **Killer E3100's Killer Control Center 2.0** gives users an intuitive and rich interface to monitor which applications and websites are using bandwidth, and to optimize their PC's networking performance. Users can adjust priorities and set bandwidth limits so that low priority traffic doesn't interfere with multimedia applications or favorite websites.

Product Comparison: Killer™ E3100

PRODUCT DEFINITION	KILLER E3100	COMPETITION
TARGET CUSTOMER	GAMING/PERFORMANCE	GENERAL
2.5 GBPS ETHERNET SUPPORT	✔	✖
WAKE ON LAN	✔	✔
CHECKSUM AND OTHER OFFLOAD	✔	✔
KILLER CONTROL CENTER	✔	✖
COMPLETELY NEW USER INTERFACE THAT IS POWERFUL, FAST, AND EASY TO USE	✔	✖
DISPLAYS THROUGHPUT FOR APPLICATIONS AND POPULAR WEBSITES IN REAL TIME	✔	✖
DISPLAYS THROUGHPUT FOR EACH KILLER INTERFACE AND EACH BROADBAND CONNECTION	✔	✖
ABILITY TO CUSTOMIZE EACH APPLICATION'S NETWORK PRIORITY	✔	✖
ABILITY TO SET BANDWIDTH LIMITS PER APPLICATION	✔	✖
ADVANCED STREAM DETECT 2.0	✔	✖
AUTOMATICALLY DETECTS AND PRIORITIZES ALL APPS IN AN OPTIMAL WAY	✔	✖
AUTOMATICALLY DETECTS AND PRIORITIZES TOP 500 GLOBAL WEBSITES IN AN OPTIMAL WAY	✔	✖
DEFAULT HIGHEST PRIORITY TRAFFIC	GAMES/VIDEO/VOICE	NONE
NETWORK PRIORITY LEVELS	6	0
LAG AND LATENCY REDUCTION TECHNOLOGY FOR LOW LATENCY GAMING/VOIP	✔	✖
DOUBLESHOT PRO TECHNOLOGY	✔	✖
FULL CONTROL OF WHICH APPLICATIONS/WEBSITES GO OVER EACH KILLER INTERFACE	✔	✖
ABILITY TO USE MULTIPLE BROADBAND CONNECTIONS AT THE SAME TIME	✔	✖
USE KILLER ETHERNET AND KILLER WIFI TOGETHER FOR THROUGHPUT UP TO 1.867GBPS	✔	✖
KILLER INTELLIGENCE ENGINE - AUTO FIXES NETWORK ISSUES + PROVIDES USER SUGGESTIONS TO FIX ISSUES	✔	✖
GAMEFAST - ENSURES GAMES GET CRITICAL SYSTEM RESOURCES BY PAUSING NON-CRITICAL SERVICES	✔	✖