

| Apache | NGINX |
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| Apache runs on all Unix like systems such as Linux, BSD, etc. as well as completely supports Windows. | Nginx runs on modern Unix like systems; however it has limited support for Windows. |
| Apache uses a multi-threaded approach to process client requests. | Nginx follows an event-driven approach to serve client requests. |
| Apache cannot handle multiple requests concurrently with heavy web traffic. | Nginx can handle multiple client requests concurrently and efficiently with limited hardware resources. |
| Apache processes dynamic content within the web server itself. | Nginx can't process dynamic content natively. |
| Apache is designed to be a web server. | Nginx is both a web server and a proxy server. |
| Modules are dynamically loaded or unloaded, making it more flexible. | Since modules cannot be loaded dynamically, they must be compiled within the core software itself. |
| A single thread can only process one connection. | A single thread can handle multiple connections. |
| The performance of Apache for static content is lower than Nginx. | Nginx can simultaneously run thousands of connections of static content two times faster than Apache and uses little less memory. |