

Vigor 2820 Series ADSL Router Firewall

The Vigor 2820 series is DrayTek's flagship premium ADSL router/firewall family. Packed with features, the Vigor 2820 offers truly comprehensive ADSL connectivity and security. PC Pro says *"For business, it's an obvious choice"*

Compatible with all variants of ADSL (including ADSLMax, ADSL2+ and Annex M) the Vigor 2820 can also be used for cable-modem and leased line applications thanks to its additional WAN port (Ethernet). A Gigabit Ethernet port on the LAN side provides high speed connectivity for your server (or uplink to a larger Ethernet Switch). Security features include content filtering, web application controls and a new object based firewall management system.

Robust & Comprehensive Firewall

Security is taken seriously on the Vigor 2820 Series. The firewall features measures for protection against attacks including DoS (Denial of Service) attacks, IP-based attacks and access by unauthorised remote systems. Wireless, Ethernet and VPN are also protected by various protection systems (see later). A new DrayTek object-based firewall allows even more setup flexibility than ever, enabling you to create combinations of users, rules and restrictions to suit multi-departmental organisations.

Content control features of the firewall allow you to set restrictions on web site access, blocking download of certain file or data types, blocking specific web sites, blocking IM/P2P applications or other potentially harmful or wasteful content. Using DrayTek's new GlobalView service, you can block whole categories of web sites (e.g. gambling, adult sites etc.), subject to an annual subscription to the Globalview server, which is continuously updated with new or changed site categorisations or sites which have become compromised (such as infected with Malware).

Dual-WAN Load Balancing & Backup

As well as the primary ADSL interface, the Vigor 2820 features a secondary WAN port for Internet access. This is an Ethernet interface and can connect to a second ADSL modem, cable modem or any other Ethernet-based Internet feed. The secondary interface can be used either for WAN-Backup or load balancing.

WAN-Backup provides contingency (redundancy) in case of your primary ADSL line or ISP suffering temporary outage). Internet Traffic will be temporarily routed via the secondary Internet access. When normal services is restored to your primary ADSL line, all traffic is switch back to that.

If you don't have ADSL, the Ethernet WAN port can instead be used as your primary/only Internet connection (using NAT) so the same router can be used for either ADSL or Ethernet Internet connections.

The USB port provides an alternative connection method for Internet backup by connecting to a compatible USB modem (or cellphone) for access to the high speed 3G cellular networks from UK providers such as Vodafone, Orange, 3 and T-Mobile. If you don't have ADSL at all, the USB/3G access method can be used as your primary/only Internet connection, ideal for temporary locations, mobile applications or where broadband access is not available. In addition you can instead connect a compatible analogue modem to use analogue dial-up connections for failover in the event of your broadband failing.



