

LANCOM 1780EW-3G: Business VPN router with HSPA+ and 802.11n WLAN - New cellular router for enterprise applications

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Aachen, February 07, 2011—LANCOM Systems presents the LANCOM 1780EW-3G, the first in a new series of 3.5 and 4G cellular routers. This VPN router's integrated UMTS/HSPA+ modem uses cellular networking for broadband Internet connectivity (up to 21 Mbps download and 5.76 Mbps upload). Its 802.11n wireless LAN radio module provides completely wireless local networking at 300 Mbps.

The combination of UMTS/HSPA+, high-speed wireless LAN and VPN makes the LANCOM 1780EW-3G ideal for companies and branch offices that lack broadband, cable-based Internet access, or where temporary or mobile Internet access is required. Typical applications include the setup of temporary conference rooms at external venues, mobile offices on construction sites, or at locations without DSL. HSPA+ provides high-speed access to the Internet or company networks. Equally feasible is the use of the HSPA+ connection as an economical backup for wired Internet access, for example to secure electronic payments in retail.

With 5 VPN channels as standard (optionally 25), the LANCOM 1780EW-3G operates as a central IPsec VPN gateway offering highly secure AES encryption and digital-certificate support. IPsec tunnels can even be established where the necessary ports are blocked in the cellular network. VRRP facilitates the virtual combination of two devices to achieve the highest reliability.



A wide range of security functions (802.11i, WPA, WPA2, VPN) keep the router's transmissions safe from attack without any loss in performance. 802.1x and TACACS+ offer additional security (PCI-DSS conformity) and the professional management of administrator accounts. Additional flexibility: Up to 8 SSIDs and network virtualization (ARF) that supports up to 16 separate networks.

The LANCOM 1780EW-3G features a Gigabit Ethernet and a Fast Ethernet interface, which can be used for connecting an external modem. The wireless radio module complies with the IEEE 802.11ag standard and operates in the 2.4- or 5-GHz band. An optional Content Filter for up to 100 users prevents misuse of the Internet access and excessive private use by employees.

The LANCOM 1780EW-3G is available from February at EUR 749 (plus VAT).

Further information is available from the LANCOM web site www.lancom-systems.com.

LANCOM Systems background:

LANCOM Systems GmbH is the leading German manufacturer of reliable, innovative network solutions for large enterprises and SMEs, public authorities and institutions. The focus is on remote access and site connectivity based on virtual private networks (VPN) and on wireless networking (WLAN). LANCOM Systems GmbH is headquartered in Würselen near Aachen and has sales offices in Munich, Barcelona and Amsterdam. The company's founder and Managing Director is Ralf Koenzen.

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