

Gigabit Networking

Its Time
Has Come



Gigabit System

Serve your custom home with the ultimate in high speed networking capability

- Prepare your home installations for today's multiplayer gaming, in-home media servers, IPTV, and new high speed digital cable or FTTH services and keep ahead of the technology curve for years to come
- Fully compatible with Leviton's award winning Structured Media[®] Center structured wiring enclosures
- Combine our data distribution gear with our complete line of Category 6 patch cords and QuickPort[®] connectors proven in demanding commercial and residential installations for an end-to-end gigabit solution



Gigabit Networking:

Bring the fastest networking capability into your new home today



CAT 6 BOARD AND MODULE

Using the same form factor as Leviton's industry standard CAT 5e board, the **47611-0C6** CAT 6 board will mount in any of Leviton's existing Structured Media® Center brackets. The easy to install module, **47611-C6B**, is mounted on a white, ABS plastic, stand-alone bracket.



Gigabit networking cards are standard in almost all new computers, and demand for bandwidth created by video game consoles, NAS network drives, high-end media servers, HD video streaming, and Windows® Home Server all contribute to market demand for faster network throughput. Faster Gigabit networking systems are only achieved with CAT 6 structured wiring.

Key Features:

- 10/100/1000 Base-T capability
- Category 6 Voice and Data Expansion Board
- T568A Wiring
- Exceeds published CAT 6 Channel specifications
- 250MHz Channel Performance
- Printed Circuit board with six ports
- Insulation Displacement Contact (IDC) Punch-downs
- Patented Retention Force Technology (RFT)
- Fits easily into any Leviton Structured Media® Enclosure
- Available as a stand-alone unit, on a single plastic bracket, or as an expansion board for a Pre-Configured Structured Cabling Panel

GIGABIT 4-PORT WI-FI INTERNET ROUTER

Leviton's **47611-WG4** 10/100/1000 Mbps Gigabit 4-Port Wi-Fi Router allows multiple users to utilize a single, secure, high speed broadband (DSL or Fiber Optic cable) Internet connection, creating a private network for home, small office, or school environments.



Key Features:

- Dual band 802.11n 300 Mhz
- Multiple VPN capability allows individual users to securely access separate VPNs over the same high-speed broadband connection
- Four RJ45 Connector 10/100/1000 Mbps LAN ports, one RJ45 Connector 10/100/1000 Mbps WAN port
- LEDs to indicate power, Link/Activity, 10, 100 and 1000 Mbps
- Quality of Service (QoS) for VoIP and video streaming
- Built-in NAT firewall protects networks from outside observation and provides secure communication for network users even during multiple VPN use
- Customizes web access and filters unwanted sites with UR blocking feature
- UPnP (universal plug-and-play) allows automatic discovery and configuration of the Gateway UPnP supported by Windows ME, XP, or later
- Scheduling feature for parental control of Internet access periods
- Virtual server is useful for outside access to IP cameras, Xbox®, and media servers, etc.
- Upgradeable by firmware updates on the Leviton website
- Setup and troubleshooting support directly by Leviton personnel
- Includes 12 VDC @ 1000mA Power Supply

GIGABIT SWITCHES

Leviton's **47611-5GB** and **47611-8GB** professional grade 10/100/1000 Mbps 5-Port Gigabit Switch connects computers and peripheral devices in remote locations throughout the home, small office, or school environments.



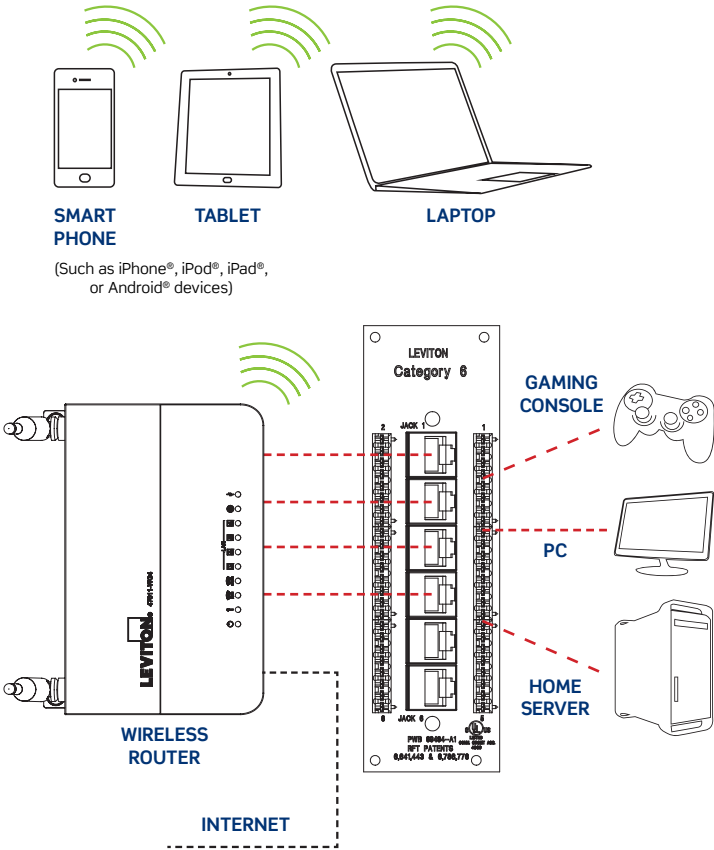
Key Features:

- 10/100/1000 Mbps Data Transfer Rate
- Five or eight RJ-45 Connector 10/100/1000 Mbps LAN ports
- LEDs to indicate power, LINK/Activity, 10, 100 and 1000 Mbps
- Plug-and-play installation
- Auto detect uplink to easily cascade additional hubs switches and routers from any port
- Features high-performance store-and-forward switching architecture with CRC and Runt Filtering
- Includes 12 VDC @ 1000mA Power Supply

NOTE:







Recommend CAT 6 board, patch cords and connectors with Gigabit Router and Gigabit Ethernet Switch

APPLICATION DIAGRAM



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ORDER YOUR GIGABIT NETWORKING SYSTEM NOW

PRODUCT	CAT. NO.	DESCRIPTION
	47611-0C6	CAT 6 Expansion Board
	46711-C6B	CAT 6 Stand-alone Module
	47611-5GB 47611-8GB	Gigabit Switches
	47611-WG4	Gigabit 4-Port WiFi Router
	61HOM-R*6 * = Color: White (W), Light Almond (T), Ivory (I), Blue (L), Grey (G), Black (E), Brown (B)	Home 6 Connectors
	6H460-xx* xx = Length: 6' (01), 1' (02), 2' (03), 3' (04), 4' (05) * = Color: White (W), Blue (L)	High Flex HD6 Patch Cords

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