

## K6 Key Benefits

- Preconfigured for simple, quick, and advanced residential installations without enterprise configuration complexities
- Predefined Basic and Advanced Settings with Pakedge Support. Additional unlimited customizations available with support offered by Fortinet and/or Pakedge Custom
- A/V Rack-Mountable: clean face; fanless; cables in the back
- Dual WAN ports for redundant Internet connections deliver higher availability and switch over to the other connection when the first one fails
- Multiple VPN Tunnels
- 5 Gigabit Internal Switch Ports
- Dedicated DMZ Port
- Secure Guest Network
- Express Card Slot for Optional 3G/4G Broadband Cards

## Additional K6U Key Benefits

- Web filtering allows parents to monitor and control their children's web activity.
- The router identifies hundreds of thousands of viruses through a database that is automatically updated each time a new virus is discovered.
- The router can limit access to websites based on designated categories. More than 60 million websites and two billion web pages are rated by category. URL filtering can block your network users from access to URLs that you specify.
- Application control can detect the network traffic of more than 1,000 applications, improving your control over application communication. When you use this feature within a network, you are able to control your various appliances. For example, you can program your Xbox 360 to automatically shut off at a certain time.

## K6

PRECONFIGURED, ENTERPRISE-CLASS GIGABIT ROUTER WITH GUEST NETWORK

## K6U

PRECONFIGURED, ENTERPRISE-CLASS GIGABIT ROUTER WITH GUEST NETWORK; PRELOADED WITH UNIFIED THREAT MANAGEMENT (UTM)



The Pagedge K6 and K6U Router KITS offer many new and improved features. Both KITS are equipped with five Gigabit LAN ports, two WAN ports that are capable of supporting Broadband speeds of 100 Mbps, and one DMZ port. Both KITS also come preconfigured with a Guest Network. The K6U is additionally preloaded with Unified Threat Management (UTM). The UTM router is a complete Parental Controls and Network Security appliance that can block access to unauthorized websites and stop virus infections before they reach computers and appliances on the network.

Both the K6 and K6U come with the Pagedge configuration overlay and Pagedge Support, making these Fortinet appliances easy to install. The simplicity of the Pagedge solution enables custom A/V installers to complete quick, quality installations while avoiding the complexity of an enterprise-level configuration.

HTTP://  
WWW.  
PAKEDGE  
.COM

1163 Triton Drive  
Foster City, CA 94404  
Main: 877.274.6100  
Fax: 650.685.5520  
sales@pakedge.com

**pakedge**device&software inc.

## BR6 – Router Rack Mount Bracket

- > Simple installation, all mounting hardware included
- > Fits the router and power supply for the R6S
- > Fits standard 19" 1U AV rack
- > Clean front face with cables that exit from the back

### Package Contents:

- **R6S** – Fortinet Router with Pakedge Preconfiguration
- **BR6** – Rack Mount Bracket
- **Power Supply** AC/DC (for R6S)
- **Power Cable** (US, EUR, UK, AUS/NZ, IT or IN/SA)
- **Console Serial Cable** (used for advanced features supported by Fortinet)
- **CAT5E Cable**
- **Installation Manual** (basic installation instructions only; Advanced User Manual is located on the Pakedge website)
- **Hardware Accessories**

Router Product	Enterprise Class Firewall	Rack Space Required	DMZ Physical Port	Switch Ports on Router	Pakedge Phone Support	Preconfigured Settings						
						Login Profiles	Dual WAN Failover	VPN (PPTP or SSL)	VLANS and QoS	Gigabit VLAN Switch	Managed Macrocell WiFi	Parental Controls/Antivirus Protection
<b>Unconfigured: Use only if you have very strong IT skills/knowledge and are very comfortable with programming enterprise-class products</b>												
RT-50F	✓	N/A	No	3	No	No	No	No	No	No	No	No
R6F	✓	N/A	✓	5	No	No	No	No	No	No	No	No
<b>Single LAN: For small to medium size networks that only require a single subnet</b>												
RB-KIT	✓	1U	No	3	✓	✓	✓	✓	No	No	No	No
K6	✓	1U	✓	5	✓	✓	✓	✓	No	No	Up to 4 APs	No
K6U	✓	1U	✓	5	✓	✓	✓	✓	No	No	Up to 4 APs	✓
<b>VLAN (8 Port): For networks that require segmentation and priority of VOIP, Control, Audio/Video, etc.</b>												
RSB-KIT	✓	2U	No	3	✓	✓	✓	✓	✓	8 Port	No	No
K6I	✓	2U	✓	5	✓	✓	✓	✓	✓	8 Port	Up to 4 APs	No
K6IU	✓	2U	✓	5	✓	✓	✓	✓	✓	9 Port	Up to 4 APs	✓
<b>VLAN (24 Port): For larger networks that require segmentation and priority of VOIP, Control, Audio/Video, etc.</b>												
RSB-K24C	✓	2U	No	3	✓	✓	✓	✓	✓	24 Port	No	No
K62	✓	2U	✓	5	✓	✓	✓	✓	✓	24 Port	Up to 4 APs	No
K62U	✓	2U	✓	5	✓	✓	✓	✓	✓	24 Port	Up to 4 APs	✓

## R6S SPECIFICATIONS

### INTERFACES

Total Network Interfaces:	8
10/100/1000 Internal Switch Interfaces (Copper, RJ-45):	5
10/100 WAN Interfaces (Copper, RJ-45):	2
10/100 DMZ Interfaces (Copper, RJ-45):	1
USB Interfaces:	2 (1 Type-A, 1 Type-B)
Express Card Slot	1
Internal Storage	8 GB
SDHC Card Slot (4GB to 32GB Class 6 or higher)	1 (4GB card installed)

### SYSTEM PERFORMANCE

Firewall Throughput (1518 byte UDP packets)	1 Gbps
Firewall Throughput (512 byte UDP packets)	1 Gbps
Firewall Throughput (64 byte UDP packets)	1 Gbps
IPSec VPN Throughput	70 Mbps
SSL VPN Throughput	15 Mbps
IPS Throughput (512 byte UDP packets)	60 Mbps
IPS Throughput (HTTP)	50 Mbps
Antivirus Throughput* (Proxy)	20 Mbps
Gateway-to-Gateway IPSec VPN Tunnels (System/VDOM)	500 / 50
Client-to-Gateway IPSec VPN Tunnels	800
Max Concurrent Firewall Sessions	80,000
Firewall Sessions/Sec	3,000
Max Concurrent SSL-VPN Users	550
Firewall Policies (System / VDOM)	5,000 / 500
Virtual Domains (Max / Default)	10 / 10

### DIMENSIONS

Height x Width x Length	1.44 x 8.50 x 5.81 in. (3.66 x 21.59 x 14.76 cm)
Weight	1.9 lb (0.86 kg)
1U Rack-Mountable	Yes

### ENVIRONMENT

Power Required	100-240 VAC, 50-60 Hz, 1.5 Amp Max
Power Consumption (AVG)	15.7 W
Heat Dissipation	53.6 BTU/h
Operating Temperature	32 - 104 deg F (0 - 40 deg C)
Storage Temperature	-13 - 158 deg F (-25 - 70 deg C)
Humidity	5 to 90% non-condensing

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