



## Kx ADSL2+ ROUTER

KORTEX PSI ADSL2+ Router is a full-featured ADSL router that provides high-speed Internet access and Ethernet direct connections to individual PCs or local area network with 10/100 Base-T Ethernet. Kx ADSL2+ Router uses advanced ADSL chipset solution with complete set of industry standard features and high-speed ADSL, ADSL2 and ADSL2+ Internet access for SOHO and residential users.

User can enjoy higher quality multimedia and real-time applications such as online gaming, Video-on-Demand and other bandwidth consuming services. Also the feature-rich routing functions are seamlessly integrated to ADSL service for existing corporate or home users. This product is made in ISO9001 approved factory and complies with FCC part15 regulations and CE approval.



*Kx ADSL2+ Router  
ref: X096METH*

### Features and Benefits:

- Full rate operation with up to 24Mbps downstream data rate and up to 1Mbps upstream data rate enables High-speed Internet access
- Friendly GUI Configuration and Management
- Ongoing feature enhancements through FTP / TFTP (Web-based) download or upload of new firmware and configuration files
- Provides ALGs to support most major applications, such as MSN Messenger, CUSeeMe, ICQ, IRC, LDAP, PPTP, FTP, Quake, SIP, H.323, NetBios Over TCP/IP
- Enables end-to-end ATM support, which allows traffic management and QoS
- Built-in DHCP server automatically assigns IP addresses to all workstations on your LAN
- All management and monitoring can be done through Telnet session
- UPnP support
- Auto negotiating rate adaptation.

### MAIN FEATURES

- Easy To Use
- 1 Ethernet LAN 10/100
- DHCP & NTP Server
- HTTP WEB Server
- FIREWAL
- UPnP



### Applications:

- High-speed Internet access
- Video-On-Demand
- Telecommuting
- Distance learning
- E-Commerce
- On-line gaming
- Video conferencing





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### Web Interface :

Interface	Quick Start	Interface Setup	Advanced Setup	Access Management	Maintenance	Status	Help
	Internet	LAN					
<b>Router Local IP</b>	IP Address : <input type="text" value="192.168.1.254"/> IP Subnet Mask : <input type="text" value="255.255.255.0"/> Dynamic Route : <input type="text" value="RIP2-B"/> Direction <input type="text" value="None"/> Multicast : <input type="text" value="Disabled"/> IGMP Snoop : <input checked="" type="radio"/> Disabled <input type="radio"/> Enabled						
<b>DHCP</b>	DHCP : <input type="radio"/> Disabled <input checked="" type="radio"/> Enabled <input type="radio"/> Relay						
<b>DHCP Server</b>	Starting IP Address : <input type="text" value="192.168.1.33"/> <input type="button" value="Current Pool Summary"/> IP Pool Count : <input type="text" value="32"/> Lease Time : <input type="text" value="259200"/> seconds (0 sets to default value of 259200)						
<b>DNS</b>	DNS Relay : <input type="text" value="Use Auto Discovered DNS Server Only"/> Primary DNS Server : <input type="text" value="N/A"/> Secondary DNS Server : <input type="text" value="N/A"/>						
<input type="button" value="SAVE"/> <input type="button" value="CANCEL"/>							

### Package Content:

- 1 x Kx ADSL Router
- 1 x RJ11 Line cable
- 1 x Ethernet cable
- 1 x CD with manuals & IP finder
- 1 x DC Power Supply 9V 500mA 6W

### Commercial reference:

**X096METH** 1 LAN, 1RJ-11 LINE, 3 LEDS (POWER, LAN, DSL)

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### Specifications:

<b>DSL Compliant</b>	ANSI T1.413 issue 2 ITU-T G.992.1 (G.dmt), ITU-T G.992.2 (G.lite), ITU-T G.992.3 (ADSL2 G.dmt.bis), ITU-T G.992.4 (ADSL2 G.lite.bis) ITU-T G.992.5 (ADSL2+)
<b>ATM and PPP Protocols</b>	Support up to 8PVCs ATM cells over ADSL/AAL5 Support UBR, CBR, VBR, VBR-rt, VBR-nrt traffic classes and shapping VC and LLC Multiplexing PPP over Ethernet (RFC 2516) PPP over ATM (RFC 2364) and IP over ATM OAM F4 and F5 segment end-to-end loop-back, AIS, and RDI OAM cells VPI is 0-255 and VCI is 32-65535
<b>Bridging / Routing</b>	Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1d) IP routing RIPv1 and RIPv2 Static IP routing , Support QOS DHCP(Dynamic Host Configuration Protocol) server and client IP Multicast IGMP v1/v2/v3
<b>IP Management</b>	NAT (Network Address Translation) NAPT (Network Address and Port Translation) DHCP Server / Relay / Client (WAN Port) VPN (IPSec, PPTP, L2TP) Pass-Through DNS Proxy Dynamic DNS UPnP support Virtual Server (Port forwarding) and DMZ host
<b>Security</b>	PPP over PAP (Password Authentication Protocol; RFC1334) PPP over CHAP (Challenge Authentication Protocol; RFC1994) Built-in NAT Firewall IP-based Packet filtering Password Protected System Management
<b>HTTP Web-based management</b>	Web-based GUI Configuration / Management CLI (Command Line Interface) Telnet Telnet with CLI(Command line Interface) Firmware upgrade via HTTP SNMP Support Built-in Diagnostic tool
<b>Interfaces</b>	One 10/100 Base-TX Ethernet Port with RJ45 connector, Automatic 10/100 Speed sensing and MDI/MDI-X Crossover detection and correction One RJ11 port for ADSL connection One reset button for restoration of factory default setting One Power On/Off switch One power Jack
<b>LED Indicators</b>	POWER , LAN , ADSL
<b>Dimensions (app)</b>	130mm(length) x 90mm (width) x 30mm (height)
<b>Power Requirement</b>	Power Adapter: Input 230±10 VAC, Output 9V DC 0.5A
<b>Supported OS</b>	Windows 98SE, ME, 2000, XP, Vista, Win7, MAC OS
<b>Environmental</b>	Operating temperature: 0°C ~ 60°C ambient Humidity: 10 % ~ 90 % (non-condensing) Storage temperature: 0°C ~ 80°C
<b>Certification</b>	FCC part 15, CE, LVD

Specifications in this datasheet are subject to change without prior notice.