

## JetBox 9500 series Programmable

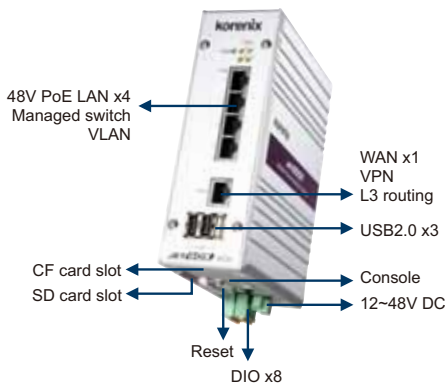
### Embedded PoE Routing Platform for Advanced Multi-Site or Vehicle Application



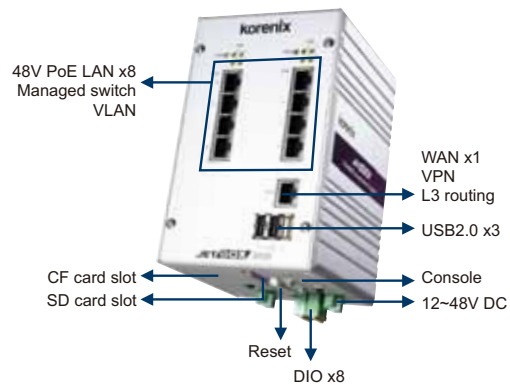
- VPN, DMVPN for enhanced secure networking
- Dynamic Layer3 Routing: OSPF, RIP, DVMRP, IPv6
- Embedded Linux UI—Webmin
- Linux SDK provided for programming
- Multiple Interface: WAN, LAN, DIO, USB, Serial
- 48V PoE ports with 15.4W per port for IP surveillance
- 12~24VDC Power booster for vehicle surveillance (JetBox9560 series)
- Gigabit for High Bandwidth video stream transmission
- Full management with QoS, VLAN, PoE Scheduling
- NTP for network time management
- miniPCle & SIM slot for mobile module (GSM/GPRS/3G/HSUPA)
- Auto-run SD card for customized configuration



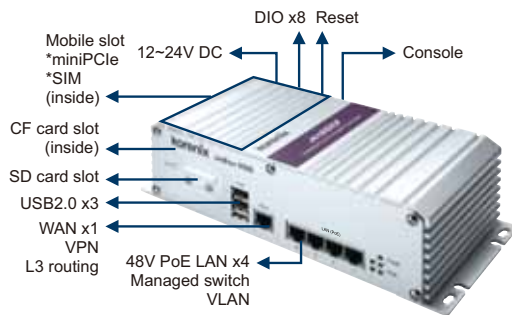
### JetBox 9530 Interface



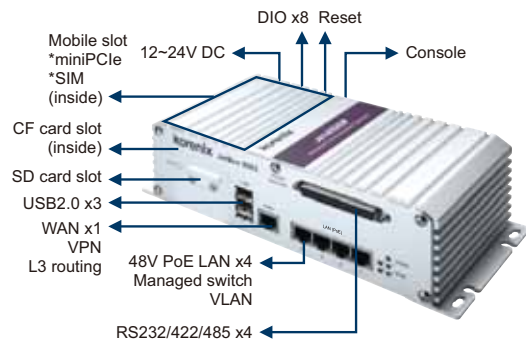
### JetBox 9535 Interface



### JetBox 9560 Interface



### JetBox 9562 Interface



## Quick Selection Guide



JetBox 9530 JetBox 9532 JetBox 9533G JetBox 9535 JetBox 9560 JetBox 9562 JetBox 9563G

		Basic	+Serial	+GbE	+4 LAN	+Mobile	+Mobile +Serial	+Mobile +GbE
<b>Network</b>	(PoE) Ethernet Switch (LAN)	PoE x4	PoE x4	PoE x4 GbE x4	PoE x8	PoE x4	PoE x4	PoE x4 GbE x4
	Router (WAN)	x1	x1	x1	x1	x1	x1	x1
<b>Interface</b>	RS232/422/485		x4				x4	
	USB	x3	x3	x3	x3	x3	x3	x3
	DIO	x8	x8	x8	x8	x8	x8	x8
	CF card slot	x1	x1	x1	x1	x1	x1	x1
	SD card slot	x1	x1	x1	x1	x1	x1	x1
	miniPCle & SIM slot					x1	x1	x1
<b>OS</b>	Embedded Linux	Korenix JetOS95						
<b>Add-on SW</b>	Modbus Gateway		○				○	
	Webmin & JamVM	○	○	○	○	○	○	○
<b>Environ.</b>	Power input	○	○	○	○	○	○	○

● supported

○ supported by model

PoE: Power over Ethernet; GbE: Gigabit Ethernet



## SW Specification

### Korenix JetOS95 (with PoE)

**Bootloader:** JetBox bootloader

**Linux Kernel:** 2.6.20

**Shell:** GNU ash

**File system:** jffs2, NFS, Ext2, Ext3, VFAT, FAT

**Device drivers:** SD card, CF card, USB, Watchdog timer, UART, Ethernet, DIO, PoE

**Protocol:** ARP, PPP, CHAP, IPv4, IPv6, PAP, ICMP, TCP, UDP, NFS, RIP, RIP-II, OSPF, ISIS\*, BGP\*, DVMRP, L2TP, PPTP, SLIP, VLAN, IPsec, OpenVPN

**Software packages:** busybox (telnetd, inetd, udhcp), e2fsprongs, i2c-tools, ltp-testsuite, microcom, mtd, pciutils, usbmount,usbutils, bridge-utils, ethtool, iptables, net-snmp, ntp, openssh, openssl,openVPN, openSWAN, pppd, pptp-linux, proftpd, samba,

smtplib, bind, l2tp, mroute, quagga, wireless-tools, jamvm, syslogd, udhcp, setserial, goahead web server, poecfg

#### SW Extension

Webmin, JamVM, Modbus GW

#### Korenix Linux auto-run function

Customized configuration

Process monitoring

#### SDK

**Linux tool chain:** Gcc (C/C++ PC cross compiler), uClibc

#### Linux sample code

\*optional