

# Korenix Industrial Product Selection Guide - Industrial Communication Computer



JetBox 9535/9535-w (PoE 8ports)  
JetBox 9530/9530-w (PoE 4ports)



JetBox 9310/9310-w (PoE)  
JetBox 9300/9300-w



JetBox 8210



JetBox 8150



JetBox 8100

	Intelligent Routing	Networking PoE	RISC Communication	X86 1GHz, Media	X86 Compact Communication
<b>Networking</b>					
10/100 Based-Tx RJ-45	JetBox 9535: 9 (default: WAN*1, LAN*8) JetBox 9530: 5 (default: WAN*1, LAN*4)	5 (default: WAN*1, LAN*4)	2	2	1
Dynamic Routing	OSPF, RIP, DVMRP				
Router	IP routed, static routing NAT, firewall, DMZ, VPN	IP routed, static routing NAT, firewall, DMZ			
Managed Switch	QoS, VLAN (802.1Q, port-based)	QoS, VLAN (802.1Q, port-based)			
Power over Ethernet	JetBox 9535: PoE x8 (LAN1~8) JetBox 9530: PoE x4 (LAN1~4)	JetBox 9310: PoE x4 (LAN1~4)			
SNMP	v1, v2c, v3	v1, v2c, v3	OS support + DIO sample	OS support	OS support
<b>System</b>					
Processor	Intel IXP430 667MHz Intel IXP435 667MHz (wide temp) Networking processor inside	RISC	RISC Intel PXA270 416MHz	X86 VIA Eden V4 1GHz, 128K L2 cache Media processor CX700M	X86 AMD LX800 500MHz
System Memory	On board DDR2 128MB	On board SDRAM 64MB	On board SDRAM 128MB	DDR2 1GB (200-pin SoDIMM)	Removable SDRAM 256MB Max. 512MB (Optional)
Card slot	Type II Compact Flash x1 SD x1 (SDIO)	SD x1	Type II Compact Flash x1	Type II Compact Flash x1	Type II Compact Flash x1
2.5" HD slot				SATA x 1	IDE x 1
USB	USB2.0 x3	USB2.0 x2	USB1.1 x4	USB2.0 x2	USB2.0 x2
DIO	8DIO (default: 8DO)	4DI, 4DO	16DI, 16DO		
VGA			8MB VGA memory	Max. 128MB VGA memory	64MB VGA memory
Audio			AC97	High definition audio	AC97
PS2					●
Reset button	●	●	●	●	●
Watchdog timer	●	●	●	●	●
DC input	48V DC (for PoE), 12~48V DC JetBox 9535: Separated two power inputs JetBox9530: Single power input	48V DC (for PoE), 12~48V DC Dual redundant power inputs	9 ~36V DC	12 ~ 24V DC	12 ~ 24V DC
Power consumption	JetBox 9535: 160W (incl. PoE), 35W JetBox 9530: 90W (incl. PoE), 25W	68.8W (incl. PoE) 7.2W	5W (General CPU loading)	16W	12W
Construction	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Sheet Metal Case
Mounting	DIN Rail (default), Wallmount	DIN Rail	Wallmount(default), DIN Rail	DIN Rail	DIN Rail
Dimension (unit=mm)	JetBox 9535: 102(W) x 160(H) x 112(D) JetBox 9530: 56(W) x 160(H) x 112(D)	66(W) x 149(H) x 120.5(D)	250(W) x 66.5(H) x 106.3(D)	50(W) x 145(H) x 102(D)	44.2(W) x 123(H) x 120(D)
Net Weight	JetBox 9535: 1.2kg, JetBox 9530: 0.9kg	0.7kg	1.07kg	0.7kg	0.7kg
Operating Temp.	-25~70°C (wide temp. -40~80°C)	-25~70°C (wide temp. -40~80°C)	-15~70°C	-15~70°C	-15~70°C
Serial port (DB9 connector)	RS232 x1 (3-pin, console)	RS232 x 2 (RJ45) RS232/422/485 x 2 (RJ45)	RS232 x 2 RS232/422/485 x 2	RS232 x 1 RS232/422/485 x 1	RS232 x 1 RS232/422/485 x 1
Regulation	CE/FCC/UL	CE/FCC/UL	CE/FCC	CE/FCC	CE/FCC
<b>Operating System</b>					
Embedded Linux	Kernel 2.6.20	Kernel 2.6.21	Kernel 2.6.18		Kernel 2.6.18
WinCE			WinCE5.0		WinCE5.0
XP embedded				●	●
<b>Development Environment</b>					
Embedded Linux	Linux SDK incl. cross-compile toolchain/uClibc 0.9.29	Linux SDK incl. cross-compile toolchain/uClibc 0.9.29	Linux SDK incl. cross-compile toolchain/uClibc 0.9.29		Linux SDK incl. compile toolchain/glibc2.3.x
WinCE			*WinCE5.0 SDK. Net Compact Framework		*WinCE5.0 SDK. Net Compact Framework
XP embedded				SDK	SDK
<b>Value-added SW</b>					
Programmable	●	●	●	●	●
JavaVM	●				
Webmin (Linux UI)	●				
Modbus gateway (Optional)	●	●	●		●
JetBox Virtual COM commander		●			
JetView	●	●			