

# JETBOX

**Industrial Communication Computer**  
**High performance with low power consumption:**  
**Plentiful interfaces:**

- Ethernet, DI/DO, COM, USB, VGA, Audio, TV-out

**Reliable robust form factor:**

- 5g Anti-vibration and 50g shock resistant
- Operating Temperature:-15~70,Fan less

**Ready to use**

- Embedded Linus/Win CE OS ready
- System Management Utility
- Application Development Environment

## Selection Guide



JetBox 9562

JetBox 9560

JetBox 9533G

JetBox 9535

JetBox 9530

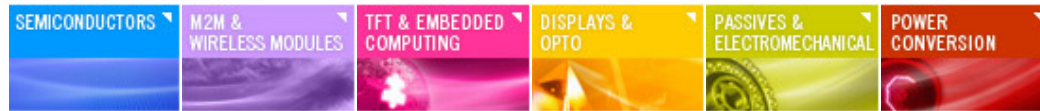
JetBox 9432-w

JetBox 9430-w

### V91 Brochure

#### Networking

	JetBox 9562	JetBox 9560	JetBox 9533G	JetBox 9535	JetBox 9530	JetBox 9432-w	JetBox 9430-w
Intelligent Routing	Intelligent Routing	Intelligent Routing	Intelligent Routing	Intelligent Routing	Intelligent Routing	Intelligent Routing	Intelligent Routing
10/100 Based-Tx RJ-45	5	5	5	9	5	5	5
10/100/1000 Based-Tx RJ-45			4				
Router	WAN x1 (default) IP routed, static routing NAT, VPN, DMZ	WAN x1 (default) IP routed, static routing NAT, VPN, DMZ	WAN x1 (default) IP routed, static routing NAT, VPN, DMZ	WAN x1 (default) IP routed, static routing NAT, VPN, DMZ	WAN x1 (default) IP routed, static routing NAT, VPN, DMZ	WAN x1 (default) IP routed, static routing NAT, VPN, DMZ	WAN x1 (default) IP routed, static routing NAT, VPN, DMZ
Switch	LAN x 4/ WAN x1 Managed QoS, VLAN (802.1Q, port-based)	LAN x 4/ WAN x1 Managed QoS, VLAN (802.1Q, port-based)	LAN x 4/ WAN x1 Managed QoS, VLAN (802.1Q, port-based)	LAN x 8/ WAN x1 Managed QoS, VLAN (802.1Q, port-based)	LAN x 4/ WAN x1 Managed QoS, VLAN (802.1Q, port-based)	LAN x 4/ WAN x1 Managed QoS, VLAN (802.1Q, port-based)	LAN x 4/ WAN x1 Managed QoS, VLAN (802.1Q, port-based)
Power over Ethernet			PoE x4 (LAN1~4)	PoE x8 (LAN1~8)	PoE x4 (LAN1~4)		
Serial Port (RS232/422/485)	4					4	
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3



### System

Processor	Intel IXP435 667MHz Networking Processor Inside	Intel IXP435 667MHz Networking Processor Inside	Intel IXP435 667MHz Networking Processor Inside	Intel IXP435 667MHz Networking Processor Inside	Intel IXP435 667MHz Networking Processor Inside	Intel IXP 435 667MHz Networking Processor Inside	Intel IXP 435 667MHz Networking Processor Inside
System Memory	On board DDR2 128MB	On board DDR2 128MB	On board DDR2 128MB	On board DDR2 128MB	On board DDR2 128MB	On board DDR2 128MB	On board DDR2 128MB
Card slot	SD x1 Type II Compact Flash x1	SD x1 Type II Compact Flash x1	SD x1 Type II Compact Flash x1	SD x1 Type II Compact Flash x1	SD x1 Type II Compact Flash x1	SD x1 Type II Compact Flash x1	SD x1 Type II Compact Flash x1
USB	USB2.0 x3	USB2.0 x3	USB2.0 x3	USB2.0 x3	USB2.0 x3	USB2.0 x3	USB2.0 x3
DIO	8DI	8DI	8DI	8DI	8DI	8DI	8DI
VGA/ Audio	-	-	-	-	-	-	-
Reset button	-	-	-	-	-	-	-
Watchdog timer	-	-	-	-	-	-	-
DC input	12~24VDC	12~24VDC	48V DC (for PoE) 12~48VDC	48V DC (for PoE) 12~48VDC Separate 2 power inputs	48V DC (for PoE) 12~48VDC Single power input	12~48VDC	12~48VDC
Construction	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Aluminum Alloy Chassis
Mounting	Wall Mount (Default) DIN Rail	Wall Mount (Default) DIN Rail	Wall Mount (DIN-rail optional)	DIN Rail (Default) Wall Mount	DIN Rail (Default) Wall Mount	DIN Rail (Default) Wall Mount	DIN Rail (Default) Wall Mount
Dimension (unit=mm)	250(W) x 66.5 (H) x 106.3(D)	250(W) x 66.5 (H) x 106.3(D)	76(W) x 160(H) x 112(D)	120(W) x 160 (H) x 112(D)	112(W) x 160(H) x 56(D)	112(W) x 160 (H) x 56(D)	112(W) x 160(H) x 56(D)
Net Weight	1.07kg	1.07kg	1.07kg	1.2kg	0.9kg	0.9kg	0.9kg
Operating Temp.	-25 ~ 70oC	-25 ~ 70oC	-25 ~ 70oC	-25 ~ 70oC	-25 ~ 70oC	-40 ~ 80oC	-40 ~ 80oC
Serial port(DB9 connector)	RS232 x1 (3-pin console)	RS232 x1 (3-pin console)	RS232 x1 (3-pin console)	RS232 x1 (3-pin console)	RS232 x1 (3-pin console)	RS232 x1 (3-pin console)	RS232 x1 (3-pin console)

### Operating System

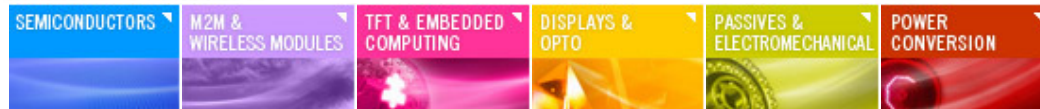
Embedded Linux	Kernel 2.6.20	Kernel 2.6.20	Kernel 2.6.20	Kernel 2.6.20	Kernel 2.6.20	Kernel 2.6.20	Kernel 2.6.20
WinCE							
XP embedded							

### Development Environment

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. 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. cross- compile toolchain/ uClibc 0.9.29
WinCE	-	-	-	-	-	-	-
XP embedded	-	-	-	-	-	-	-

### Value-added SW

Programmable	-	-	-	-	-	-	-
Modbus gateway (Optional)	-	-	-	-	-	-	-
JetBox Virtual COM commander	-	-	-	-	-	-	-
JetView	-	-	-	-	-	-	-



JetBox 9310



JetBox 9300



JetBox 8150



JetBox 8100



JetBox 8210

**V91 Brochure**

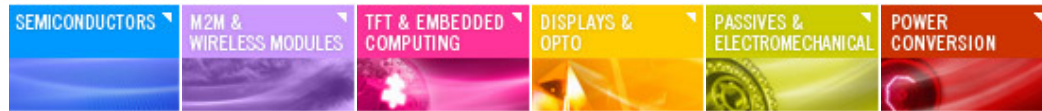
PoE Networking	Networking	X86 Compact Communication	X86 Compact Communication	RISC Communication
----------------	------------	---------------------------	---------------------------	--------------------

**Networking**

10/100 Based-Tx RJ-45	5	5	2	1	2
Router	WAN x1 (default) IP routed, static routing, NAT, Firewall, DMZ	WAN x1 (default) IP routed, static routing, NAT, Firewall, DMZ			
Switch	LAN x4 (default), Managed QoS, VLAN (802.1Q, port-based)	LAN x4 (default), Managed QoS, VLAN (802.1Q, port-based)			LAN x2
Power over Ethernet	PoE x4 (LAN1~4)				
SNMP	v1, v2c, v3	v1, v2c, v3	OS support	OS support	OS support + DIO sample

**System**

Processor	RISC	RISC	X86 VIA Eden V4 1GHz, 128K L2 cache Media Processor CX700M	X86 AMD LX800 500MHz	RISC Intel PXA270 416MHz
System Memory	On board SDRAM 64MB Max. 128MB (Optional)	On board SDRAM 64MB Max. 128MB (Optional)	DDR2 1GB (200-pin SoDIMM)	Removable SDRAM 256MB Max. 512MB (Optional)	On board SDRAM 128MB Max. 256MB (Optional)
Card slot	SD x1	SD x1	Type II Compact Flash x1	Type II Compact Flash x1	Type II Compact Flash x1
IDE slot (2.5"HD or DOM)			SATA x1	1 (for 2.5" HD or DOM)	
USB	USB2.0 x2	USB2.0 x2	USB2.0 x2	USB2.0 x2	USB1.1 x4
DIO	4DI, 4DO	4DI, 4DO			16DI, 16DO
VGA/ Audio	4DI, 4DO	4DI, 4DO	Max. 128MB VGA memory/ High definition Audio	64MB VGA memory/ AC97	8MB VGA memory/ AC97
Reset button	-	-	-	-	-
Watchdog timer	-	-	-	-	-
DC input	48V DC (for PoE) 12~48VDC	12 ~ 48V DC	12 ~ 24V DC	12 ~ 24V DC	9 ~ 36V DC
Construction	Aluminum Alloy Chassis	Aluminum Alloy Chassis	Sheet Metal Case	Sheet Metal Case	Aluminum Alloy Chassis
Mounting	DIN Rail	DIN Rail	DIN Rail	DIN Rail	Wallmount(default), DIN Rail
Dimension (unit=mm)	66(W) x 149(H) x 120.5(D)	66(W) x 149(H) x 120.5(D)	50(W) x 145(H) x 102(D)	44.2(W) x 123(H) x 120(D)	250(W) x 66.5(H) x 106.3(D)
Net Weight	0.8kg	0.8kg	0.7kg	0.7kg	1.07kg
Operating Temp.	-25 ~ 70oC	-25 ~ 70oC	-15 ~ 70oC	-15 ~ 70oC	-15 ~ 70oC
Serial port(DB9 connector)	RS232 x2 (RJ45) RS232/422/485 x2 (RJ45)	RS232 x2 (RJ45) RS232/422/485 x2 (RJ45)	RS232 x1 RS232/422/485 x1	RS232 x1 RS232/422/485 x1	RS232 x2 RS232/422/485 x2



**Operating System**

Embedded Linux	Kernel 2.6.21	Kernel 2.6.21		Kernel 2.6.18	Kernel 2.6.18
WinCE				WinCE5.0	WinCE5.0
XP embedded			-	-	

**Development Environment**

Embedded Linux	Linux SDK incl. cross-compile toolchain/ glibc2.3.x, Fedora Core series	Linux SDK incl. cross-compile toolchain/ glibc2.3.x, Fedora Core series		Linux SDK incl. cross-compile toolchain/ glibc2.3.x, Fedora Core series	Linux SDK incl. cross-compile toolchain/ glibc2.3.x, Fedora Core series
WinCE	-	-		WinCE5.0 SDK .Net Compact Framework	WinCE5.0 SDK .Net Compact Framework
XP embedded	-	-	SDK	SDK	

**Value-added SW**

Programmable	-	-	-	-	-
Modbus gateway (Optional)	-	-		-	-
JetBox Virtual COM commander	-	-			
JetView	-	-			