

Korenix Industrial Product Selection Guide - Industrial Communication Computer



JetBox 8210



JetBox 8100



JetBox 8220

Software	JetBox 8210	JetBox 8100	JetBox 8220
Linux 2.6.18	●	●	●
Protocol Stack			
TCP, UDP, IPv4, SNMP, ICMP, IGMP, ARP, HTTP, CHAP, PAP, SSH 1.0/ 2.0, SSL, DHCP, NTP, NFS, SMTP, Telnet, FTP, PPP, PPPoE	●	●	●
System Utilities			
bash, busybox, tinylogin, telnet, ftp	●	●	●
Supporting Services and Daemons			
telnetd: Telnet Server daemon	●	●	●
ftpd: FTP server daemon	●	●	●
sshd: Secure shell server	●	●	●
Apache: Web server daemon, supports PHP and XML	●	●	●
MySQL: Data Base Server and Client	●	●	●
OpenVPN: Virtual Private Network service manager	●	●	●
iptables: Firewall service manager	●	●	●
pppd: dial in/out over serial port daemon	●	●	●
snmpd: snmpd agent daemon	●	●	●
inetd: TCP server manager program	●	●	●
Application Development Environment			
Korenix Linux API Library	●	●	●
Linux Tool Chain: Gcc, Glibc	●	●	●
Device Drivers			
CF Card, USB, Watchdog Timer, UART, VGA, Audio	●	●	●
WinCE 5.0	●	●	●
Protocol Stack			
TCP, UDP, IPv4, SNMP, ICMP, IGMP, ARP, HTTP, CHAP, PAP, SSL, DHCP, SNTP, SMTP, Telnet, FTP, PPP	●	●	●
System Utilities			
Windows command shell, telnet, ftp, web-based administration manager	●	●	●
Supporting Services and Daemons			
Telnet Server: Allows remote administration through a standard Telnet client	●	●	●
FTP Server: Used for transferring files to and from remote computer systems via a network.	●	●	●
Web Server (httpd): WinCE IIS, offer ASP, ISAPI Secure Socket Layer support, SSL 2, SSL 3, and Transport Layer Security (TLS/SSL 3.1) public key-based protocols, and Web Administration ISAPI Extensions.	●	●	●
Dial-up Networking Service: RAS client API and PPP, support Extensible Authentication Protocol (EAP) and RAS scripting	●	●	●
Application Development Environment			
WinCE 5.0 SDK	●	●	●
C Libraries and Run-times	●	●	●
Component Services (COM and DCOM)	●	●	●
Microsoft Foundation Classes (MFC)	●	●	●
Microsoft® .NET Compact Framework	●	●	●
XML, including DOM, XQL, XPATH, XSLT, SAX2	●	●	●
SOAP Toolkit	●	●	●
Winsock 2.2	●	●	●
Device Drivers			
CF Card, USB, Watchdog Timer, UART, VGA, Audio	●	●	●
Windows XP embedded		●	●

Korenix Industrial Product Selection Guide - Industrial Communication Computer



JetBox 8210



JetBox 8100



JetBox 8220

Hardware

Processor	Intel XScale PXA270 RISC 416MHz	AMD GEODE LX800 500MHz	AMD GEODE LX800 500MHz
System Memory	SDRAM 128MB, Max. 256MB (Optional)	SDRAM 256MB, Max. 512MB (Optional)	SDRAM 256MB, Max. 512MB (Optional)
VGA	● (8M)	● (Up to 64MB)	● (Up to 64MB)
10/100 Based-TX RJ-45	2	1	2
Type II CompactFlash Slot	1	1	1
2.5" HDD IDE Slot		1	
RS-232	2	1	2
RS-232/422/485	2	1	2
Audio	●	●	●
TV-Out			●
USB 1.1	4		
USB 2.0		2	4
Digital I/O	16 DI & 16 DO		8 DI & 8 DO
Power on/off switch	●	●	●
Reset button	●	●	●
Watchdog Timer	●	●	●
DC input	7~40VDC(-40VDC) 48VDC(-48VDC)	12~24VDC	10~36VDC
AC input: AC100~240V@50-60Hz	●		●
Construction	Rugged Aluminum Alloy Chassis	Sheet metal case	Rugged Aluminum Alloy Chassis
Color	Aluminum	Mysterious silver	Aluminum
Mounting	Wallmount (Default), DIN Rail	DIN Rail	Wallmount (Default), DIN Rail
Dimension(unit=mm)	250(W) x 66.5(H) x 106.3(D)	44.2(W) x 123(H) x 120(D)	250(W) x 66.5(H) x 106.3(D)
Net weight	1.07 kg	0.7 kg	1.07 kg
Operating Temp. 5~158°F (-15~70°C), 5~95% RH	●	●	●
Anti-Vibration: 5g/ 5~500Hz/ random operation	●	●	●
Anti-Shock: 50g peak acceleration	●	●	●
Regulatory Approvals: CE/FCC Class A, UL	●	●	●
Linux 2.6.18	●	●	●
WinCE 5.0	●	●	●
Windows XP embedded		●	●