

Vortex86SX Windows Embedded CE 6 Evaluation Images

2010-10-26

BSP options for Vortex86SX evaluation images

- BSP version = Vortex86DX_60B: (2010-07-23)
- Support 128 Mbytes memory
- Support Z9s display chipset
- Support R6040 Ethernet
- Support 4 serial ports
- Support USB touch panel
- Support USB CM108/109 audio

Windows Embedded CE 6.0 components for evaluation images

	Evaluation image version	Min	Std	Pro
Applications - End User				
ActiveSync				
File Sync				
Inbox Sync				
Pocket Outlook Database Sync				
CAB File Installer/Uninstaller		X	X	X
Games				
Freecell				
Solitaire				
Help				
Remote Desktop Connection				
Remote Desktop Protocol (RDP)				X
Audio Playback Redirection				X
Cut/Copy/Paste Clipboard Redirection				X
File Storage Redirection				X
Filtered File Storage Redirection				X
License Information				X
Printer Redirection				X
Serial and Parallel Port Redirection				X
Smart Card Redirection				X
User Interface Dialog Boxes				X
Windows Network Projector				
Sample Network Projector				
Terminal Emulator			X	X
Windows Messenger				

WordPad			
File Viewers			
JETCET PDF			X
Office			
Office 2007 Excel Viewer			X
Office 2007 PowerPoint Viewer			X
Office 2007 Word Viewer			X
Applications and Services Development			
.NET Compact Framework 3.5			
.NET Compact Framework 3.5			X
.NET Compact Framework 3.5 String Resources			
.NET Compact Framework 3.5 - Headless			
.NET Compact Framework 3.5 String Resources - Headless			
OS Dependencies for .NET Compact Framework 3.5			
OS Dependencies for .NET Compact Framework 3.5			
OS Dependencies for .NET Compact Framework 3.5 - Headless			
Active Template Library (ATL)	X	X	X
C Libraries and Runtimes	X	X	X
C++ Runtime Support for Exception Handling and Runtime Type Information	X	X	X
Full C Runtime	X	X	X
OEM Floating Point CRT (ARM only)	X	X	X
Standard I/O (STDIO)	X	X	X
Standard I/O ASCII (STDIOA)	X	X	X
Standard String Functions - ASCII (corestra)	X	X	X
Component Services (COM and DCOM)	X	X	X
Component Object Model	X	X	X
COM	X	X	X
CoCreateGuid functionality for OLE32	X	X	X
COM Storage	X	X	X
DCOM	X	X	X
COM Storage	X	X	X
Minimal COM (No OLE Support)			
CoCreateGuid functionality for OLE32			
COM Storage			
Exchange Client			
Lightweight Directory Access Protocol (LDAP) Client			
Location			
GPS Intermediate Driver			
Location Framework			
Location Framework Core			

Location Framework GPS Plugin			
Location Framework Simulation Plugins			
Location Framework Wifi Plugin			
Message Queuing (MSMQ)			
MSMQ Activex Wrappers			
SOAP Reliable Messaging Protocol (SRMP)			
Object Exchange Protocol (OBEx)			
OBEx Client			
OBEx Server			
OBEx File Browser			
OBEx Inbox			
Pocket Outlook Object Model (POOM) API			
SOAP Toolkit			
Client			
Server			
Speech Interface			
Speech API (SAPI) 5.2			
SQL Compact			
SQL Compact			X
SQL Compact Managed Provider			X
SQL Server Managed Provider			X
Standard SDK for Windows Embedded CE			X
String Safe Utility Functions	X	X	X
XML			
MSXML 3.0			
XML Core Services and Document Object Model (DOM)			X
XML Error Strings			
XML HTTP			
XML Query Languages (XQL)			X
XML Stylesheet Language Transformations (XSLT)			
XML Sax			
XML Minimal Parser			
Communication Services and Networking			
Cellular			
MTP Responder			
Networking - General			
Connection Manager			
Connection Manager			
Domain Discovery			X
Extended DNS Querying and Update (DNSAPI)			X

Secure DDNS			
Extensible Authentication Protocol		X	X
Firewall			
Internet Connection Sharing (ICS)			
Gateway Logging			
IPSec v4			X
NDIS Packet Capturing DLL			
NDIS User-mode I/O Protocol Driver	X	X	X
Network Bridging			
Network Driver Architecture (NDIS)	X	X	X
Network Utilities (IpConfig, Ping, Route)	X	X	X
Reference Gateway User Interface			
Remote Configuration Framework			
TCP/IP	X	X	X
IP Helper API	X	X	X
TCP/IPv6 Support			
Universal Plug and Play (UPnP)			
Control Point API			
Device Host API			
Device Host API (Minimal Subset)			
Sample UPnP IGD Schema Implementation			
UPnP Audio-Video (AV) Device Control Protocol			
AV Control Point API			
AV Device API			
AV Renderer Sample			
UPnP Tools			
USB Flash Config Tool			
Web Services on Devices (WSD)			
Web Services on Devices			
Web Services on Devices Samples			
Windows Networking API/Redirector (SMB/CIFS)			X
Winsock Support	X	X	X
Networking - Local Area Network (LAN)			
Wired Local Area Network (802.3, 802.5)	X	X	X
Wireless LAN (802.11) STA - Automatic Configuration and 802.1x		X	X
Networking - Personal Area Network (PAN)			
Bluetooth			
IrDA			
Networking - Wide Area Network (WAN)			
Dial Up Networking (RAS/PPP)	X	X	X

AutoDial	X	X	X
Standard Modem Support for Dial Up Networking		X	X
Point-to-Point Protocol over Ethernet (PPPoE)			X
Telephony API (TAPI 2.0)	X	X	X
Unimodem support			X
Virtual Private Networking			X
L2TP/IPSec			X
PPTP			X
Servers			
Core Server Support	X	X	X
File Server			
File Server (SMB/CIFS)			
File Server Customizable Web UI			
FTP Server			
Parental Controls			
Print Server (SMB/CIFS)			
RAS Server/PPTP Server (Incoming)			
Simple Network Time Protocol (SNTP)	X	X	X
SNTP Automatic Updates and Server Synchronization			
SNTP Client with DST	X	X	X
SNTP Server			
Telnet Server			
Web Proxy			
Web Server (HTTPD)			
Active Server Pages (ASP) Support			
Web Server Administration ISAPI			
WebDAV Support			
Core OS Services			
Battery Driver			
Debugging Tools			
Keyboard Test Application			
Remote Display Application			
Tiny Kernel Test Sample Application			
Toolhelp API	X	X	X
Touch Driver Test Application			
Device Manager	X	X	X
Display Support	X	X	X
Internet Appliance (IABASE) Support			
Kernel Functionality	X	X	X
Fiber API	X	X	X

FormatMessage API	X	X	X
FormatMessage API - System Error Messages	X	X	X
Memory Mapped Files	X	X	X
Message Queue - Point-to-Point	X	X	X
Target Control Support (Shell.exe)	X	X	X
Notification (Choose 1)			
Non UI based Notification			
UI based Notification	X	X	X
Notification LED Support			
Parallel Port Support	X	X	X
Power Management (Choose 1)			
Power Management (Full)	X	X	X
Power Management (Minimal)			
Serial Port Support	X	X	X
System Event Log			
UI Proxy for Kernel-Mode Drivers	X	X	X
USB Host Support	X	X	X
USB Function Driver	X	X	X
USB Host Support	X	X	X
USB Human Input Device (HID) Class Driver	X	X	X
USB HID Keyboard and Mouse	X	X	X
USB HID Keyboard Only	X	X	X
USB HID Mouse Only	X	X	X
USB Printer Class Driver			
USB Remote NDIS Class Driver			
USB Storage Class Driver	X	X	X
Windows Embedded CE Driver Development Kit Support Library	X	X	X
Device Management			
Device Management Client			
Simple Network Management Protocol (SNMP)			
File Systems and Data Store			
Compression	X	X	X
Database Support			
CEDB Database Engine	X	X	X
EDB Database Engine			
File and Database Replication			
Bit-based			
File Cache Manager			
File System - Internal (Choose 1)			
RAM and ROM File System			

ROM-only File System			
Registry Storage (Choose 1)			
Hive-based Registry			
RAM-based Registry			
Storage Manager	X	X	X
Binary Rom Image File System			
CD/UDFS File System	X	X	X
exFAT File System			
FAT File System	X	X	X
Partition Driver	X	X	X
Release Directory File System	X	X	X
Silent FAT File System UI			
Storage Manager Control Panel Applet	X	X	X
Transaction-Safe FAT File System (TFAT)			
System Password	X	X	X
Fonts			
Arial			
Arial (Subset 1_30)			
Arial Black			
Arial Bold			
Arial Bold Italic			
Arial Italic			
Comic Sans MS			
Comic Sans MS			
Comic Sans MS Bold			
Courier New			
Courier New (Subset 1_30)	X	X	X
Courier New Bold			
Courier New Bold Italic			
Courier New Italic			
Georgia			
Georgia			
Georgia Bold			
Georgia Bold Italic			
Georgia Italic			
Impact			
Kino			
MSLogo			
Symbol			
Tahoma			

Tahoma (Subset 1_07)	X	X	X
Tahoma Bold			
Times New Roman			
Times New Roman (Subset 1_30)			
Times New Roman Bold			
Times New Roman Bold Italic			
Times New Roman Italic			
Trebuchet MS			
Trebuchet MS			
Trebuchet MS Bold			
Trebuchet MS Bold Italic			
Trebuchet MS Italic			
Verdana			
Verdana			
Verdana Bold			
Verdana Bold Italic			
Verdana Italic			
Webdings			
Wingding		X	X
Graphics and Multimedia Technologies			
Audio			
Audio Compression Manager			X
GSM 6.10 Codec			X
MSFilter Codec			X
Waveform Audio			X
Graphics			
Alphablend API (GDI version)		X	X
Direct3D Mobile			
DirectDraw		X	X
Gradient Fill Support	X	X	X
Imaging			
Still Image Codec Support (Encode and Decode)			X
Still Image Decoders			
BMP Decoder			X
GIF Decoder			X
ICO Decoder			
JPG Decoder			X
PNG Decoder			X
TIFF Decoder			
Still Image Encoders			

BMP Decoder			X
GIF Decoder			X
JPG Decoder			X
PNG Decoder			X
TIFF Decoder			
Multiple Monitor Support			
Raster Fonts Support			
V1 Font Compatibility			
Media			
Audio Codecs and Renderers			
G.711 Audio Codec			X
GSM 6.10 Audio Codec			X
IMA ADPCM Audio Codec			X
MP3 Codec			X
MPEG-1 Layer 1 and 2 Audio Codec			X
MS ADPCM Audio Codec			X
Wave/AIFF/au/snd File Parser			X
Waveform Audio Renderer			X
WMA Codec			X
WMA Voice Codec			X
WMAPro over S/PDIF Packetizer			X
Digital Rights Management			
DRM License Acquisition OCx			
Windows Media DRM 10 PD			
WMDRM 10 for Networked Devices			
Windows Media DRM 10 ND			
DirectShow			
ACM Wrapper Filter			X
DirectShow Core			X
DirectShow Display			X
DirectShow Error Messages			
DirectShow Video Capture			X
DMO Wrapper Filter			X
DVD-Video			
DVD-Video			
DVD-Video Samples			
DVR Engine			
Media Formats			
AVI Filter			X
MPEG-1 Parser/Splitter			X

NMD UI			
Streaming Media Playback			X
Video Codecs and Renderers			
DirectShow Video Renderer			X
MPEG-1 Video Codec			X
MS RLE Video Codec			X
Video/Image Compression Manager			X
WMV/MPEG-4 Video Codec			X
Windows Media Player			X
Windows Media Player			X
Windows Media Player OCX			X
Windows Media Player OCX7			X
Windows Media Technologies			X
ASx v1 and M3U File Support			X
ASx v2 File Support			X
ASx v3 File Support			X
NSC File Support			X
Windows Media Multicast and Multi-Bit Rate			X
Windows Media Streaming from Local Storage			X
Windows Media Streaming over HTTP			X
Windows Media Streaming over MMS			X
WMA and MP3 Local Playback			X
WMA and MP3 Streaming			X
International			
Input Method Manager (IMM)	X	X	X
Locale Services (Choose 1)			
English (US) National Language Support only	X	X	X
National Language Support (NLS)			
Locale Specific Support			
Multilingual User Interface (MUI)			
Internet Client Services			
Browser Application			
Flash Lite			
Adobe Flash Lite ActiveX Control		X	X
Internet Explorer 6.0 Windows Embedded CE - Standard Components		X	X
Internet Explorer 6.0 Sample Browser		X	X
Internet Explorer 6.0 XAML UI Sample Browser			
TV-Style Navigation Components			
Internet Explorer 6.0 Tiling Engine			
Internet Explorer 6.0 for Windows Embedded CE Components			

Internet Explorer Browser Control Host		X	X
Internet Explorer HTML/DHTML API		X	X
Filter and Translation			
Internet Explorer HTML Application			
Internet Explorer Plug-in Image Decoder API			
Internet Explorer PNG Image Decoder			
Internet Explorer Theme Library			
MSHTML Data Binding			
Internet Explorer Multiple-Language Base API		X	X
Internet Explorer Multiple-Language Full API			
Optional Charset/Encoding in registry			
Internet Explorer RPC Support			
Internet Explorer TV-Style Navigation			
Customizable Font Range			
Directional Tabbing			
Disable Vertical Scroll Bar and Events			
Fixed-Width Layout			
URL Moniker Services		X	X
Windows Internet Services		X	X
Passport SSI 1.4 Authentication			
Platform for Privacy Preferences (P3P)			
XML Data Islands			
XML MIME Viewer			
Internet Options Control Panel		X	X
Scripting			
JScript 5.6		X	X
Script Authoring (Jscript)		X	X
Script Encode (Jscript)		X	X
VBScript 5.6		X	X
MsgBox and InputBox support		X	X
Script Authoring (VBScript)		X	X
Script Encode (VBScript)		X	X
Security			
Authentication Services (SSPI)		X	X
Kerberos			X
NTLM			X
Schannel (SSL/TLS)			X
Credential Manager		X	X
Cryptography Srvs (CryptoAPI 1.0) - High Encryption Provider	X	X	X
Certificates (CryptoAPI 2.0)			X

Cryptographic Messaging (PKCS#7)			X
Personal Information Exchange Standard (PKCS #12)			
Diffie-Hellman/DSS Provider			
Smart Card Encryption Provider			
Local Authentication Sub-System			
Password Local Authentication Plug-in			
Microsoft Certificate Enrollment Tool Sample			
Shell and User Interface			
Graphics, Windowing and Events	X	X	X
Minimal GDI Configuration	X	X	X
Minimal GWES Configuration	X	X	X
Minimal Input Configuration	X	X	X
Minimal Window Manager Configuration	X	X	X
Shell			
AYGShell API Set			
Command Shell	X	X	X
Command Processor	X	X	X
Console Window	X	X	X
Graphical Shell (Choose 1)			
Standard Shell	X	X	X
Windows Thin Client Shell			
User Interface			
Accessibility			
Common Controls	X	X	X
Animation Control			
Common Control	X	X	X
Common Dialog Support	X	X	X
Control Panel Applets	X	X	X
Controls Option B			
Customizable UI	X	X	X
Windows XP-like Sample Skin	X	X	X
Gesture			
Gesture Animation Support			
Gesture Support for Win32 Controls			
Single-Touch Gesture Recognition			
Menu Tool Tip			
Mouse	X	X	X
Network User Interface	X	X	X
Overlapping Menus			
Quarter VGA Resources - Portrait Mode			

Silverlight for Windows Embedded		X	X
Software Input Panel	X	X	X
Software-based Input Panel (SIP) (Choose 1 or more)	X	X	X
SIP for Large Screens			
SIP for Small Screens	X	X	X
Software-based Input Panel Driver	X	X	X
Touch Screen (Stylus)			
Voice over IP Phone Services			
Windows Embedded CE Error Reporting			
Third Party			
MJPEG Decompression Filter			X
USB Camera Driver			X

Technical Support

For more technical support, please visit <http://www.dmp.com.tw/tech> or mail to soc@dmp.com.tw.