

# Ether-Serial Link Operating System Support

Discussion of LAVA Ether-Serial Links' operating system support pertains to two distinct contexts: configuration and operation.

“Configuration” refers to whether a particular operating system permits access to one of the three configuration interfaces that a user employs to set the parameters of a LAVA Ether-Serial Link (such as setting the device’s network address, serial port modes, and serial port configuration).

“Operation” refers to whether a particular operating system supports the transfer of data across the LAVA Ether-Serial Link’s serial port when that port is in a given serial port operating mode.

<b>Ether-Serial Link Configuration</b>			
<b>Operating System</b>	<b>Ether-Link Manager</b>	<b>HTTP (Web browser)</b>	<b>Telnet</b>
Windows 7 64 bit	✓	✓	✓
Windows 7 32 bit	✓	✓	✓
Windows Server 2008 R2 64 bit	✓	✓	✓
Windows Server 2008 R2 32 bit	✓	✓	✓
Windows Server 2008 R1 64 bit	✓	✓	✓
Windows Server 2008 R1 32 bit	✓	✓	✓
Windows Vista 64 bit	✓	✓	✓
Windows Vista 32 bit	✓	✓	✓
Windows Server 2003 64 bit	✓	✓	✓
Windows Server 2003 32 bit	✓	✓	✓
Windows XP 64 bit	✓	✓	✓
Windows XP 32 bit	✓	✓	✓
Windows 2000	✓	✓	✓
Windows Me		✓	✓
Windows 98SE		✓	✓
Windows 98		✓	✓
Windows 95		✓	✓
Windows NT4		✓	✓
Windows 3.xx		✓	✓
MS-DOS		✓	✓
Linux 2.4+		✓	✓
UNIX		✓	✓
Macintosh OS 8.6+		✓	✓
QNX 6.2+		✓	✓
THEOS		✓	✓
other <sup>1</sup>		browser required	Telnet required

<sup>1</sup> Ether-Serial Links can be configured from any platform that supplies either a web browser or a Telnet client.

Ether-Serial Link Operation							
Operating System	Serial Port Mode						
	Windows Driver	Raw Server	Raw Client	Data Connect	Ethernet Modem	RAS Server	RFC 2217
Windows 7 64 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows 7 32 bit	beta	✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Server 2008 R2 64 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Server 2008 R2 32 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Server 2008 R1 64 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Server 2008 R1 32 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Vista 64 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Vista 32 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Server 2003 64 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Server 2003 32 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows XP 64 bit		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows XP 32 bit	✓	✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows 2000	✓	✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows Me		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows 98SE		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows 98		✓	✓	✓	✓	✓	✓ <sup>1</sup>
Windows 95		✓	✓	✓	✓	✓	✓
Windows NT4		✓	✓	✓	✓	✓	✓
Windows 3.xx		✓	✓	✓	✓	✓	✓
MS-DOS		✓	✓	✓	✓	✓	✓
Linux 2.4+	✓	✓	✓	✓	✓	✓	✓
UNIX		✓	✓	✓	✓	✓	✓
Macintosh OS 8.6+		✓	✓	✓	✓	✓	✓
QNX 6.2+		✓	✓	✓	✓	✓	✓
THEOS		✓	✓	✓	✓	✓	✓

<sup>1</sup> In RFC-2217 mode the Ether-Serial Link's serial ports can be handled as though they are native COM ports in Windows (that is, like in Windows Driver mode) when used in conjunction with a third-party RFC-2217 serial port emulator. For a freeware example of such an emulator (*HW VSP*), see [http://www.hw-group.com/products/hw\\_vsp/index\\_en.html](http://www.hw-group.com/products/hw_vsp/index_en.html).