

R3210 EVB FTP Server Performance on Linux



PC Client:
P1.8GHz, 256Mbyte, IDE DMA mde
D-Link 500TX PCI NIC
Linux: 2.6.3
FTP Client



R3210 EVB Server:
Host 150MHz, 64Mbyte, PCI 37.5MHz, RDC MAC
HPT302 PCI IDE card
Linux: 2.6.6 or 2.4.25
Proftod: v1.29 FTP Server

Test File Size: 110M byte

Get: PC get the test file from R3210 EVB FTP server

Put: PC put the test file to R3210 EVB FTP server

R3210 Status		Test 1 (byte/s)	Test 2 (byte/s)	Test 3 (byte/s)	Test 4 (byte/s)	Test 5 (byte/s)	
Kernel 2.6.6 150Mhz ST34321A PIO Mode	Put	2M	2M	2M	2M		
	Get	2.4M	2.5M	2.5M	2.4M	2.5M	
Kernel 2.6.6 150Mhz ST34321A UDMA mode1	Put	4.3M	4.3M	4.3M	4.3M	4.3M	
	Get	5.8M	5.7M	5.8M	5.7M	5.6M	
Kernel 2.4.25 150Mhz Maxtor D740X UDMA mode1	Put	4.9M	4.9M	4.9M	4.9M	4.9M	
	Get	6.3M	6.2M	6.3M	6.3M	6.3M	
Kernel 2.4.25 133Mhz Maxtor D740X UDMA mode1	Put	4.4M	4.5M	4.5M	4.5M	4.5M	
	Get	5.5M	5.7M	5.7M	5.7M	5.7M	
	Get						
Kernel 2.4.25 150Mhz/37.5MHz USB20P1SanDisk UDMA mode1	Put	1.4M	1.2M	1.4M	1.4M	1.4M	
	Get	3M	3M	3M	3M	3M	
Kernel 2.4.25 150Mhz/37.5MHz USB20P1 N350U Segate ST380011 VFAT file system	Put	3.7M	3.7M	3.7M	3.7M	3.7M	
	Get	3.1M	3.1M	3.1M	3.1M	3.1M	
Kernel 2.4.25 150Mhz/37.5MHz USB20P1 N350U Segate ST34321 EXT2 file system	Put	4.1M	4.1M	4.1M	4.1M		
	Get	3.7M	3.7M	3.7M	3.7M		
Kernel 2.4.25 150Mhz/37.5MHz USB20P1 N350U Segate ST34321 VFAT file system	Put	3M	3M	3M	3M	3.1M	
	Get	3.2M	3.2M	3.3M	3.2M	3.2M	

R3210 EVB FTP Client Performance on Linux



R3210 EVB:
Host 150MHz, 64Mbyte, PCI 37.5MHz,
RDC MAC
HPT302 PCI IDE card,
Linux: 2.6.3
FTP Client



PC Server:
P1.8GHz, 256Mbyte, IDE DMA mde
D-Link 500TX PCI NIC
On-board IDE, Segate ST33232A
Linux: 2.6.3
Proftod: v1.29 FTP Server

Test File Size: 110M byte

Get: R3210 get the test file from PC FTP server

Put: R3210 put the test file to PC FTP server

R3210 Status		Test 1 (byte/s)	Test 2 (byte/s)	Test 3 (byte/s)	Test 4 (byte/s)	Test 5 (byte/s)	
Kernel 2.6.3 150Mhz/37.5MHz Segate ST34321A PIO Mode	Put	4.6M	4.6M	4.6M	4.7M		
	Get	4M	4M	4M	4M	4M	
Kernel 2.6.6 150Mhz/37.5MHz Segate ST34321A UDMA mode1	Put	5.6M	6.1M	6.1M	6.1M	6.1M	
	Get	5.4M	5.5M	5.4M	5.4M	5.4M	
Kernel 2.4.25 150Mhz/37.5MHz Maxtor D740X UDMA mode1	Put	6M	6.2M	6.3M	6.2M	6.2M	
	Get	5.4M	5.6M	5.6M	5.6M	5.6M	
Kernel 2.4.25 133Mhz/33MHz Maxtor D740X UDMA mode1	Put	5.6M	5.6M	5.6M	5.6M		
	Get	5.1M	5.1M	5.1M	5.1M		
Kernel 2.4.25 150Mhz/37.5MHz USB20P1SanDisk UDMA mode1	Put	3.5M	3.5M	3.5M	3.5M	3.5M	
	Get	1.6M	1.8M	1.8M	1.8M	1.7M	
Kernel 2.4.25 150Mhz/37.5MHz USB20P1 N350U Segate ST380011 VFAT file system	Put	3.8M	3.9M	3.9M	3.9M	3.9M	
	Get	3.5M	3.6M	3.6M	3.4Mz	3.6M	
Kernel 2.4.25 150Mhz/37.5MHz USB20P1 N350U Segate ST34321A EXT2 file system	Put	4.1M	3.9M	4.2M	4.2M	4.2M	
	Get	4.5M	4.4M	4.6M	4.6M	4.6M	
Kernel 2.4.25 150Mhz/37.5MHz USB20P1N350U Segate ST34321A VFAT file system	Put	3.6M	3.7M	3.7M	3.7M	3.7M	
	Get	3.3M	3.3M	3.3M	3.3M	3.2M	
PC as FTP client: P450Mhz, 128M RAM Kernel 2.6.3 UDMA mode2	Put	10M	10M	10M	10M	10M	
	Get	11M	10M	10M	11M	10M	