

## Upload Speed

eed is necessary to transfer 1 hour of MPEG2 video in 1 hour'  
 DVD Quality Video 5Mbps

4.72 Mbps  
 5 Mbps

2124  
 2.197265625

	Upload Mbps	MB/sec	80% load limit	MB/hour	Hours to upload 1.98 GB video	Minutes to upload 1.98 GB video
Consumer DSL 6Mbps/768Kbps \$30/month	0.768	0.096	0.077	270	7.87	472
Business T1 1.54Mbps/1.54Mbps \$400/month	1.54	0.193	0.154	541	3.92	235
Consumer Cable 20Mbps/2Mbps \$50/month	2	0.250	0.200	703	3.02	181
3Mbps/3Mbps Synchronous \$500/month	3	0.375	0.300	1,055	2.01	121
	4	0.500	0.400	1,406	1.51	91
Speakeasy 5Mbps/5Mbps \$600/month	5	0.625	0.500	1,758	1.21	73
Speakeasy 10Mbps/10Mbps \$900/month	10	1.250	1.000	3,516	0.60	36
	20	2.500	2.000	7,031	0.30	18
	30	3.750	3.000	10,547	0.20	12
	35	4.375	3.500	12,305	0.17	10
	40	5.000	4.000	14,063	0.15	9
	50	6.250	5.000	17,578	0.12	7
100MB Ethernet	100	12.500	10.000	35,156	0.06	4
USB 2.0 Limit	33.75	30.000	30.000	105,469	0.02	1.21
USB 3.0 Limit	33.75	30.000	30.000	105,469	0.02	1.21
Firewire 400	400	50.000	40.000	140,625	0.02	0.91
Gigabit Ethernet	1000	125.000	100.000	351,563	0.01	0.36

## Upload Speed

Speed is necessary to transfer 1 hour of MPEG2 video in 1 hour  
 DVD Quality Video 5Mbps

	<b>Upload Mbps</b>	<b># of 30 minute Videos / hour</b>	<b># of 60 minute Videos / hour</b>
<b>Consumer DSL 6Mbps/768Kbps \$30/month</b>	<b>0.768</b>	0.240	0.120
<b>Business T1 1.54Mbps/1.54Mbps \$400/month</b>	<b>1.54</b>	0.481	0.240
<b>Consumer Cable 20Mbps/2Mbps \$50/month</b>	<b>2</b>	0.624	0.312
<b>3Mbps/3Mbps Synchronous \$500/month</b>	<b>3</b>	0.937	0.468
	<b>4</b>	1.249	0.624
<b>Speakeasy 5Mbps/5Mbps \$600/month</b>	<b>5</b>	1.561	0.780
<b>Speakeasy 10Mbps/10Mbps \$900/month</b>	<b>10</b>	3.122	1.560
	<b>20</b>	6.244	3.121
	<b>30</b>	9.367	4.681
	<b>35</b>	10.928	5.461
	<b>40</b>	12.489	6.242
	<b>50</b>	15.611	7.802
<b>100MB Ethernet</b>	<b>100</b>	31.222	15.604
<b>USB 2.0 Limit</b>	<b>33.75</b>	93.667	46.813
<b>USB 3.0 Limit</b>	<b>33.75</b>	93.667	46.813
<b>Firewire 400</b>	<b>400</b>	124.889	62.417
<b>Gigabit Ethernet</b>	<b>1000</b>	312.222	156.042