

TRANZEO WIRELESS SUBNET CHEAT SHEET

Hosts	Netmask	Amount of a Class C	Slash Value
4	255.255.255.252	1/64	/30
8	255.255.255.248	1/32	/29
16	255.255.255.240	1/16	/28
32	255.255.255.224	1/8	/27
64	255.255.255.192	1/4	/26
256	255.255.255.0	1	/24
512	255.255.254.0	2	/23
1024	255.255.252.0	4	/22
2048	255.255.248.0	8	/21
4096	255.255.240.0	16	/20
8192	255.255.224.0	32	/19
16384	255.255.192.0	64	/18
32768	255.255.128.0	128	/17
65536	255.255.0.0	256	/16

/25 -- 2 Subnets -- 126 Hosts/Subnet

Network #	IP Range	Broadcast
.0	.1-.126	.127
.128	.129-.254	.255

/26 -- 4 Subnets -- 62 Hosts/Subnet

Network #	IP Range	Broadcast
.0	.1-.62	.63
.64	.65-.126	.127
.128	.129-.190	.191
.192	.193-.254	.255

27 -- 8 Subnets -- 30 Hosts/Subnet

Network #	IP Range	Broadcast
.0	.1-.30	.31
.32	.33-.62	.63
.64	.65-.94	.95
.96	.97-.126	.127
.128	.129-.158	.159
.160	.161-.190	.191
.192	.193-.222	.223
.224	.225-.254	.255

28 -- 16 Subnets -- 14 Hosts/Subnet

Network #	IP Range	Broadcast
.0	.1-.14	.15
.16	.17-.30	.31
.32	.33-.46	.47
.48	.49-.62	.63
.64	.65-.78	.79
.80	.81-.94	.95
.96	.97-.110	.111
.112	.113-.126	.127
.128	.129-.142	.143
.144	.145-.158	.159
.160	.161-.174	.175
.176	.177-.190	.191
.192	.193-.206	.207
.208	.209-.222	.223
.224	.225-.238	.239
.240	.241-.254	.255

/29 -- 32 Subnets -- 6 Hosts/Subnet

Network #	IP Range	Broadcast
.0	.1-.6	.7
.8	.9-.14	.15
.16	.17-.22	.23
.24	.25-.30	.31
.32	.33-.38	.39
.40	.41-.46	.47
.48	.49-.54	.55
.56	.57-.62	.63
.64	.65-.70	.71
.72	.73-.78	.79
.80	.81-.86	.87
.88	.89-.94	.95
.96	.97-.102	.103
.104	.105-.110	.111
.112	.113-.118	.119
.120	.121-.126	.127
.128	.129-.134	.135
.136	.137-.142	.143
.144	.145-.150	.151
.152	.153-.158	.159
.160	.161-.166	.167
.168	.169-.174	.175
.176	.177-.182	.183
.184	.185-.190	.191
.192	.193-.198	.199
.200	.201-.206	.207
.208	.209-.214	.215
.216	.217-.222	.223
.224	.225-.230	.231
.232	.233-.238	.239
.240	.241-.246	.247
.248	.249-.254	.255