

Subnetting Successful

Major Network: **112.160.0.0/11**
Available IP addresses in major network: **2097150**
Number of IP addresses needed: **372597**
Available IP addresses in allocated subnets: **495272**
About **24%** of available major network address space is used
About **75%** of subnetted network address space is used

Subnet Name	Needed Size	Allocated Size	Address	Mask	Dec Mask	Assignable Range	Broadcast
E	219051	262142	112.160.0.0	/14	255.252.0.0	112.160.0.1 - 112.163.255.254	112.163.255.255
F	80454	131070	112.164.0.0	/15	255.254.0.0	112.164.0.1 - 112.165.255.254	112.165.255.255
H	23326	32766	112.166.0.0	/17	255.255.128.0	112.166.0.1 - 112.166.127.254	112.166.127.255
D	19073	32766	112.166.128.0	/17	255.255.128.0	112.166.128.1 - 112.166.255.254	112.166.255.255
C	15713	16382	112.167.0.0	/18	255.255.192.0	112.167.0.1 - 112.167.63.254	112.167.63.255
I	5764	8190	112.167.64.0	/19	255.255.224.0	112.167.64.1 - 112.167.95.254	112.167.95.255
L	3987	4094	112.167.96.0	/20	255.255.240.0	112.167.96.1 - 112.167.111.254	112.167.111.255
J	2931	4094	112.167.112.0	/20	255.255.240.0	112.167.112.1 - 112.167.127.254	112.167.127.255
A	1157	2046	112.167.128.0	/21	255.255.248.0	112.167.128.1 - 112.167.135.254	112.167.135.255
B	640	1022	112.167.136.0	/22	255.255.252.0	112.167.136.1 - 112.167.139.254	112.167.139.255
M	324	510	112.167.140.0	/23	255.255.254.0	112.167.140.1 - 112.167.141.254	112.167.141.255
N	113	126	112.167.142.0	/25	255.255.255.128	112.167.142.1 - 112.167.142.126	112.167.142.127
DATA Server	2	2	112.167.142.128	/30	255.255.255.252	112.167.142.129 - 112.167.142.130	112.167.142.131
DHCP Server	2	2	112.167.142.132	/30	255.255.255.252	112.167.142.133 - 112.167.142.134	112.167.142.135
DHCP Server	2	2	112.167.142.136	/30	255.255.255.252	112.167.142.137 - 112.167.142.138	112.167.142.139
G	2	2	112.167.142.140	/30	255.255.255.252	112.167.142.141 - 112.167.142.142	112.167.142.143
Mail Server	2	2	112.167.142.144	/30	255.255.255.252	112.167.142.145 - 112.167.142.146	112.167.142.147
RED_LINK_1	2	2	112.167.142.148	/30	255.255.255.252	112.167.142.149 - 112.167.142.150	112.167.142.151
RED_LINK_10	2	2	112.167.142.152	/30	255.255.255.252	112.167.142.153 - 112.167.142.154	112.167.142.155
RED_LINK_11	2	2	112.167.142.156	/30	255.255.255.252	112.167.142.157 - 112.167.142.158	112.167.142.159
RED_LINK_12	2	2	112.167.142.160	/30	255.255.255.252	112.167.142.161 - 112.167.142.162	112.167.142.163
RED_LINK_13	2	2	112.167.142.164	/30	255.255.255.252	112.167.142.165 - 112.167.142.166	112.167.142.167
RED_LINK_14	2	2	112.167.142.168	/30	255.255.255.252	112.167.142.169 - 112.167.142.170	112.167.142.171
RED_LINK_15	2	2	112.167.142.172	/30	255.255.255.252	112.167.142.173 - 112.167.142.174	112.167.142.175
RED_LINK_16	2	2	112.167.142.176	/30	255.255.255.252	112.167.142.177 - 112.167.142.178	112.167.142.179
RED_LINK_17	2	2	112.167.142.180	/30	255.255.255.252	112.167.142.181 - 112.167.142.182	112.167.142.183
RED_LINK_18	2	2	112.167.142.184	/30	255.255.255.252	112.167.142.185 - 112.167.142.186	112.167.142.187
RED_LINK_19	2	2	112.167.142.188	/30	255.255.255.252	112.167.142.189 - 112.167.142.190	112.167.142.191
RED_LINK_2	2	2	112.167.142.192	/30	255.255.255.252	112.167.142.193 - 112.167.142.194	112.167.142.195
RED_LINK_20	2	2	112.167.142.196	/30	255.255.255.252	112.167.142.197 - 112.167.142.198	112.167.142.199
RED_LINK_21	2	2	112.167.142.200	/30	255.255.255.252	112.167.142.201 - 112.167.142.202	112.167.142.203
RED_LINK_22	2	2	112.167.142.204	/30	255.255.255.252	112.167.142.205 - 112.167.142.206	112.167.142.207
RED_LINK_23	2	2	112.167.142.208	/30	255.255.255.252	112.167.142.209 - 112.167.142.210	112.167.142.211
RED_LINK_24	2	2	112.167.142.212	/30	255.255.255.252	112.167.142.213 - 112.167.142.214	112.167.142.215
RED_LINK_25	2	2	112.167.142.216	/30	255.255.255.252	112.167.142.217 - 112.167.142.218	112.167.142.219
RED_LINK_3	2	2	112.167.142.220	/30	255.255.255.252	112.167.142.221 - 112.167.142.222	112.167.142.223
RED_LINK_4	2	2	112.167.142.224	/30	255.255.255.252	112.167.142.225 - 112.167.142.226	112.167.142.227
RED_LINK_5	2	2	112.167.142.228	/30	255.255.255.252	112.167.142.229 - 112.167.142.230	112.167.142.231
RED_LINK_6	2	2	112.167.142.232	/30	255.255.255.252	112.167.142.233 - 112.167.142.234	112.167.142.235
RED_LINK_7	2	2	112.167.142.236	/30	255.255.255.252	112.167.142.237 - 112.167.142.238	112.167.142.239
RED_LINK_8	2	2	112.167.142.240	/30	255.255.255.252	112.167.142.241 - 112.167.142.242	112.167.142.243
RED_LINK_9	2	2	112.167.142.244	/30	255.255.255.252	112.167.142.245 - 112.167.142.246	112.167.142.247
TFTP Server	2	2	112.167.142.248	/30	255.255.255.252	112.167.142.249 - 112.167.142.250	112.167.142.251
Web Server	2	2	112.167.142.252	/30	255.255.255.252	112.167.142.253 - 112.167.142.254	112.167.142.255

[Back to form](#) [New calculation](#)

If you have a question/suggestion/bug report, please use [Feedback](#) form.

Hosted at [Novgorod State University](#)