

IP ADDRESSING DESIGN TABLE

IP Address : 192.168.0.0
Address Class : Class C (Private)
Network Address : 192.168.0.0

Subnet Address : 192.168.0.0
Subnet Mask : 255.255.255.224

Subnet Bits : 27
Host Bits : 5
Possible Number of Subnets : 8
Hosts per Subnet : 30

Subnet	Mask	Inverse Mask	Subnet Size	Host Range	Broadcast
192.168.0.0	255.255.255.224	0.0.0.31	30	192.168.0.1 to 192.168.0.30	192.168.0.31
192.168.0.32	255.255.255.224	0.0.0.31	30	192.168.0.33 to 192.168.0.62	192.168.0.63
192.168.0.64	255.255.255.224	0.0.0.31	30	192.168.0.65 to 192.168.0.94	192.168.0.95
192.168.0.96	255.255.255.224	0.0.0.31	30	192.168.0.97 to 192.168.0.126	192.168.0.127
192.168.0.128	255.255.255.224	0.0.0.31	30	192.168.0.129 to 192.168.0.158	192.168.0.159
192.168.0.160	255.255.255.224	0.0.0.31	30	192.168.0.161 to 192.168.0.190	192.168.0.191
192.168.0.192	255.255.255.224	0.0.0.31	30	192.168.0.193 to 192.168.0.222	192.168.0.223
192.168.0.224	255.255.255.224	0.0.0.31	30	192.168.0.225 to 192.168.0.254	192.168.0.255