

## 128.1.6.5/12

classe b

11111111.11110000.00000000.00000000

$2^7 + 2^6 + 2^5 + 2^4 = 128 + 64 + 32 + 16 = 240$

$256 - 240 = 16$

ip network: 128.0.0.0

ip gateway: 128.0.0.1

ip broadcast: 128.15.255.255

ottetti per host 2 (12bit per network e 20 per host)

ottetti per network 2

## 200.1.2.3/24

classe c

11111111.11111111.11111111.00000000

$256 - 255 = 1$

ip network: 200.1.2.0

ip gateway: 200.1.2.1

ip broadcast: 200.1.2.255

ottetti host 1 (24 per network e 8 per host)

ottetti network 3

## 192.192.1.1/22

classe c

11111111.11111111.11111100.00000000

$256 - 252 = 4$

ip network: 192.192.0.0

ip gateway: 192.192.0.1

ip broadcast: 192.192.3.255

ottetti host 1 (22 per network e 10 per host)

ottetti network 3

## 126.5.4.3/9

classe a

11111111.10000000.00000000.00000000

$256 - 128 = 128$

ip network: 126.0.0.0

ip gateway: 126.0.0.1

ip broadcast: 126.127.255.255

ottetti host 2 (9 per network e 23 per host)

ottetti network 2

## 200.1.9.8/24

classe c

11111111.11111111.11111111.00000000

ip network: 200.1.9.0

ip gateway: 200.1.9.1

ip broadcast: 200.1.9.255

ottetti host 1 (24 per network e 8 per host)

ottetti network 3

## 172.16.0.4/16

classe c

11111111.11111111.00000000.00000000

ip network: 172.16.0.0

ip gateway: 172.16.0.1

ip broadcast: 172.16.255.255

ottetti host 2 (16 per network e 16 per host)

ottetti network 2