

# Advanced IPv6 Addressing

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- IPv6 Subnet Masks are always 64 bits
- When using both IPv4, and IPv6, it is called dual stacking
- IPv6 Addresses are all internet capable (no NAT)
- IPv4 Default Gateway = IPv6 Link Local

Link-Local Address	A unicast IPv6 address with prefix FE80::/10, configured through Mac Address EUI-64. Works in relation to a IPv4 LAN Address.
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- 1 Hexadecimal is equal to 4 decimals.
- 4 bits of Hexadecimal is equal to 16 bits of decimal
- 8 bits of hexadecimal is equal to 32 bits of decimal
- 32 bits of hexadecimal is equal to 128 bits of decimal

**Preview from Notesale.co.uk**  
**Page 2 of 3**