Hardware Comparison

The Netgate® hardware comparison chart is designed to give visitors a quick side-by-side comparison of Netgate appliances running pfSense® Plus software against one another. While most of this data (and more) exists on individual product pages, we believe the chart makes it fast and easy for viewers to quickly determine which appliance is best for their needs.

The comparison matrix has two critical dimensions:

1. Packet Sizes: iPerf3 and LMIX
2. Secure Networking Function: Routing (Forwarding), Firewall, VPN

This provides a very clear manner by which products can be compared - and under different levels of user-experienced traffic conditions. We see this as crucial given our user base varies, literally, from home consumers (with relatively light bandwidth and firewall needs) all the way to sophisticated enterprises (who demand predictable performance under the most strenuous encryption and packet mix conditions).
# Netgate Hardware Comparison Chart

## WHO
- **Netgate 1100**
  - **Home**
  - **Netgate 2100**
  - **Home Pro**
  - **Branch/Small Business**
- **Netgate 5100**
  - **Home**
  - **Branch/Small Business**
  - **Medium Business**
- **Netgate 6100**
  - **Home**
  - **Branch/Small Business**
  - **Medium Business**
- **Netgate 7100**
  - **Medium Business**
  - **Large Business**
  - **Data Center**
- **Netgate 1537**
  - **Medium Business**
  - **Large Business**
  - **Data Center**
- **Netgate 1541**
  - **Medium Business**
  - **Large Business**
  - **Data Center**

## NEEDS
- Cost efficient / Low power
- Sleek, compact
- Silent operation (fanless)
- Put-on-a-desktop, shelf, or wall

## PERFORMANCE
- **i Pentium**, **Fermi**, **Titan**, **Zeta**
- **IMIX**, **Fermi**, **Titan**, **Zeta**
- **CPU**: Dual Core, Xenon, A8, A4, A40, A40M, A60, A60M, A60H
- **Forwarding**: 20Gbps, 40Gbps, 80Gbps, 124Gbps
- **1Gbps**: 2x1Gbps, 1x1Gbps
- **10Gbps**: 2x10Gbps, 1x10Gbps
- **Network Interface**: 2x1Gbps, 1x1Gbps
- **Rosa pingame Plus or THNIP Software**

## HARDWARE
- **CPU**: Dual Core, Xenon, A8, A4, A40, A40M, A60, A60M, A60H
- **Storage**: 1Gbps
- **Memory**: 2Gbps
- **Network Ports**: 2x1Gbps, 1x1Gbps

## Additional Notes
- **Dual Core**
- **Titan**
- **Zeta**
- **1Gbps**: 2x1Gbps, 1x1Gbps
- **10Gbps**: 2x10Gbps, 1x10Gbps
- **Network Interface**: 2x1Gbps, 1x1Gbps

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