Cisco Catalyst Fixed Switches Selection Guide

Quickly identify the recommended Cisco Catalyst Layer 2 and 3 fixed-configuration switch using this easy-to-follow selection guide.

<table>
<thead>
<tr>
<th>Gigabit Ethernet</th>
<th>Fast Ethernet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Layer 2 Switch</td>
<td>Layer 3 Switch</td>
</tr>
<tr>
<td>Standalone</td>
<td>Stackable</td>
</tr>
<tr>
<td>1 GE Uplinks</td>
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</tr>
<tr>
<td>10 GE Uplinks</td>
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</tr>
</tbody>
</table>

- **Popularity**
  - **S** - Standalone
  - **S+** - Stackable

- **Model Family**
  - **Catalyst 2960**
  - **Catalyst 3560**
  - **Catalyst 3750**

- **OS Level**
  - **LAN Base IOS**
  - **IP Base IOS**
  - **IP Services IOS**

- **Power and Cooling**
  - **PSU**
    - **Hot swap PSU**
    - **Redundant PSU**
    - **Stackable PSU**

- **Manageability**
  - **Basic manageability**
  - **Enterprise manageability**
    - **Enterprise Access**
    - **Enterprise Layer 2**
    - **Enterprise Layer 3**
  - **Express Setup**
  - **Cisco Device Manager**
  - **RMON**
  - **SPAN**
  - **TDR**
  - **SNMPv3 (with cryptography)**
  - **Auto Smart Ports**
  - **Smart Install**

- **QoS**
  - **Basic QoS**
  - **Enterprisy QoS**
  - **Enterprise Layer 2 QoS**
  - **Enterprise Layer 3 QoS**

- **Security**
  - **Basic security**
  - **Enterprise security**
  - **Complete identity and security**
  - **TrustSec SXP**
  - **IEEE 802.1AE**

- **Express Setup**
  - **Cisco Device Manager**
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  - **TDR**
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  - **Auto Smart Ports**
  - **Smart Install**

- **Support**
  - **5 years on Power Supplies and Fans; Lifetime on switch**
  - **Wide range of Layer 2 access features for enterprise deployments, including FlexLinks and VTPv3**

Cisco recommends the following:

- **Catalyst 3K-X** for those customers that require:
  - Improved resiliency such as modular uplinks, StackPower, hot swap of power supplies and full redundancy
  - Future proofing with cybersecurity enhancements and energy management (EnergyWise)