Overview of UC Irvine
Campus connectivity to CalREN & Abilene.

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SBC SO-Cal
Gigaman Cloud

6500 Border Router

ONS 15540

Abilene 10 gigabits/second
(Internet2/UCAID)

The Commercial Internet

CalREN 10 gigabits/second
network (CENIC)

UC Irvine Backbone Cloud
10 gigabit/second fiber,
30 gigabits/second mesh, FDX
Cisco Catalyst 6509’s (4)

10 gigabit/second link
10 GE backbone links

Bren Hall
Cisco Catalyst 6500
MDF and IDFs,
10 gigabit/second internal backbone
10/100/1000 megabits/second, autosensing Ethernet, all jack locations

CalIT2
Cisco Catalyst 6500
MDF and IDFs,
10 gigabit/second internal backbone
10/100/1000 megabits/second, autosensing Ethernet, all jack locations

Etc. (Other campus buildings…)
1 gigabit/second links, typically

Multi-lambda gigabit fiber path

GE backup Path for CalREN

DC
DC-Internet
HPR

CalIT2
Cisco Catalyst 6500
MDF and IDFs,
10 gigabit/second internal backbone
10/100/1000 megabits/second, autosensing Ethernet, all jack locations

Path for CalREN

SBC TE

10 gigabit/second link
10 GE backbone links

10 gigabit/second link

10 gigabit/second link