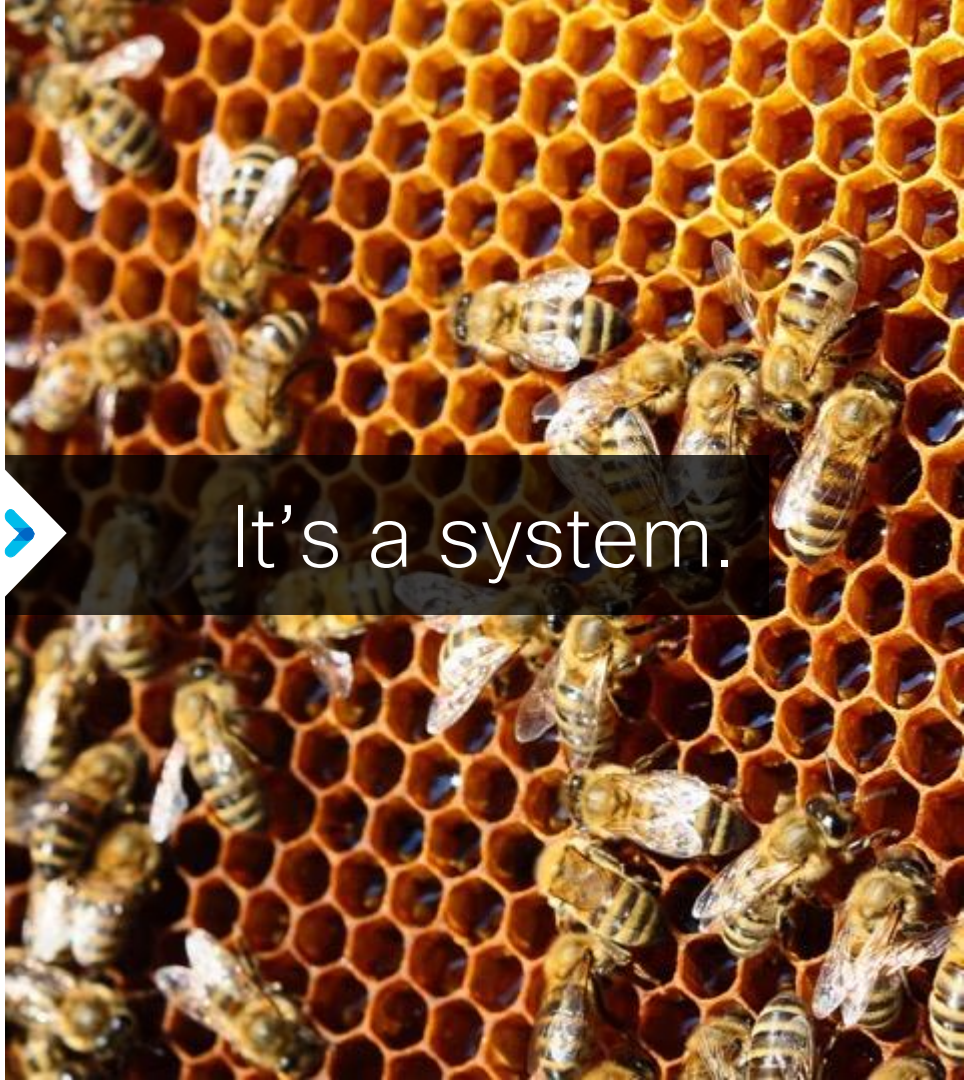
It’s not a server.

Cisco UCS



It’s a system.

Cisco Unified Computing System Momentum

#1
Integrated Infrastructure
(Cisco UCS, Nexus)

#1
Americas Revenue
Market Share in x86 Blades

#2
Global Revenue
Market Share in x86 Blades

150+
World Record
Performance Benchmark

800 PB
Total Storage Deployed

15x
Big Data Revenue
Growth in 3 Years

59,000+
Customers

>85%
of Fortune 500 Have
Invested in UCS

1600+
HyperFlex Customers

Source: 1 IDC, 2016 Q3, Nov 2016, Vendor Revenue Share
Source: As of Cisco Q2FY16 earnings results. Data Center Revenue is defined as Cisco UCS and Nexus 1000V

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Cisco UCS: Driving Better Business Outcomes
Proven Value and Over 59,000+ Customers Worldwide

"Cisco's server infrastructure helps us break down data center silos and establish a single compute platform that's completely integrated with those of other vendors, making us immensely agile."

Ben Issa
Head of IT Strategy, ING DIRECT Australia

12 Weeks to 10 Minutes
Reduced Provisioning Times

Cisco UCS

4x
Better Performance

Converged Infrastructure

400%
Faster Deployment

Hyperconverged Infrastructure

12.5x
Faster Queries

Big Data

Source: Cisco UCS Changing the Economics of the Datacenter, Customer Case Studies, Cisco UCS Performance Benchmarks

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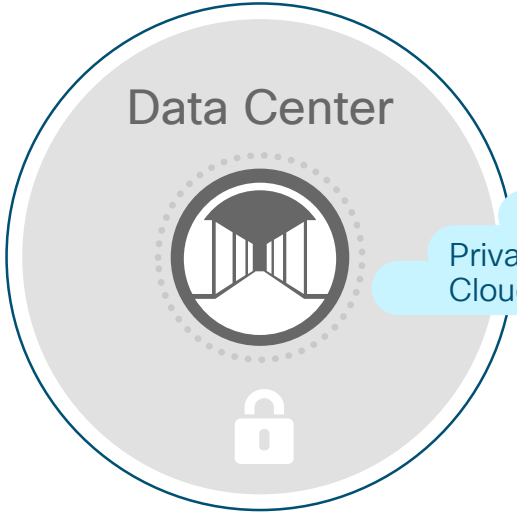
Too Many Parts, Moving Too Fast

Risk of Silos

Edge

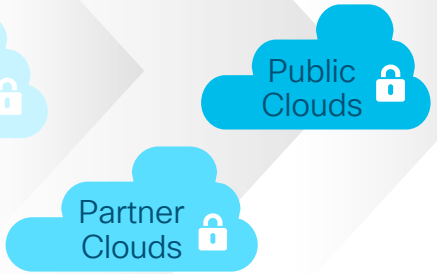
Manual Processes

Data Center



Limited Visibility

Multi Cloud



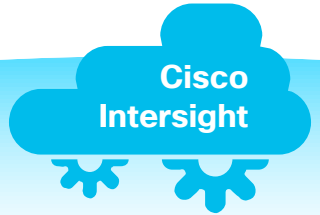
Customer Needs

Seamless Data Center Extension to Edge and Clouds

Operational Simplicity and Automation

Dev Ops Friendly

Any Workload. Any Scale. One System.



UCS Mini E-Series

ROBO

Fifth Generation UCS

Component

UCS Integrated Infrastructure Solutions

Converged Infrastructure

HyperFlex Systems

Hyperconverged Infrastructure

C-Series Rack Servers

S-Series Storage Optimized

Data Intensive

Edge ← Core → Cloud

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Cisco's Intent Based Data Center

Modern IT Infrastructure Must Be Constantly:

Learning

Continuous infrastructure optimization driven by application analytics

Adapting

Infrastructure as code: Capable of driving changes on a real-time basis as the environment or the app requires

Protecting

Safeguards applications in multi-tenant environments with policy-based endpoint configuration

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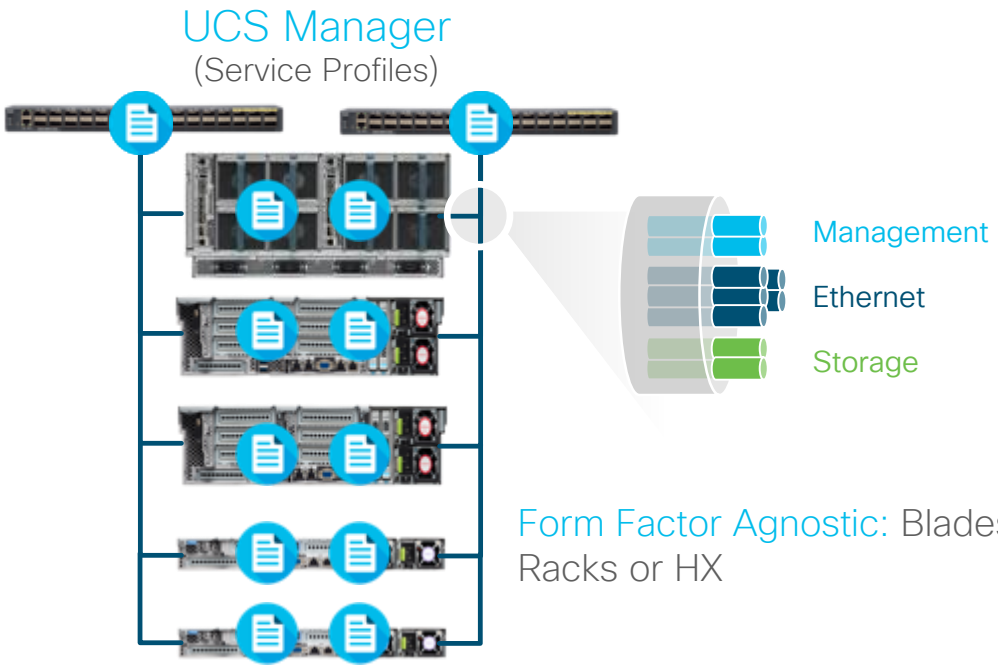
Cisco C-Series

Fabric Centric Design

High Performance
40 GB/s Ethernet; 320 GB/s per Chassis

Unified Fabric
Single Cable for Network, Storage, and Management Traffic

Easy to Scale
Single Point of Management: Add Cables for Bandwidth vs. Fabric Type



Form Factor Agnostic: Blades, Racks or HX

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Cisco UCS M5 Portfolio

Performance Optimized for Bare Metal, Virtualized, and Cloud Applications

Cloud Scale

S3260
Ideal Capacity-Optimized Platform for Large Object Storage at Scale

(Purley Skylake refresh targeting Q4'CY17)

Enterprise Performance

C240 M5
56 Cores – 20% more cores per socket
100% more memory
80% more NVMe drives

C220 M5
56 Cores – 20% more cores per socket
100% more memory
80% more NVMe drives

B200 M5
100% more memory
55% more storage – 20.5TB
Double the GPU support

Intensive/Mission Critical

C480 M5
Triple the number of GPUs
63% more drive bays
94% more NVMe support

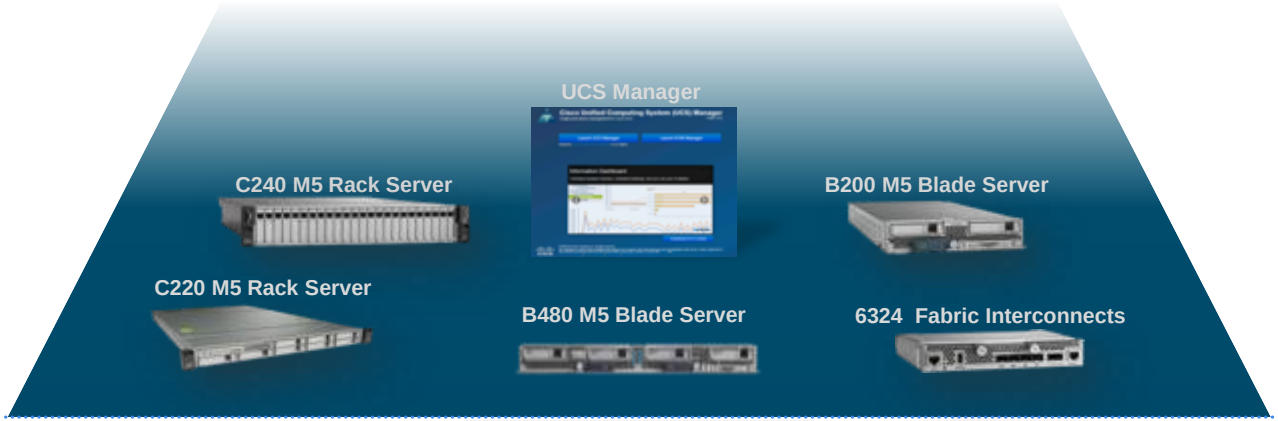
B480 M5
Quadruple the number of GPUs
80% more storage – 39TB
20% better memory bandwidth

UCS Mini

New architectural entry point for Unified Computing

UCS in an All-in-One package:

- Compute
- Networking
- UCS Management
- Unified Computing in 6U
- Chassis-Integrated Fabric Interconnects
- Standard UCS Blades / Fans / Power Supplies



UCS Mini

Enterprise Capability at Edge Scale

Connect up to 7 C-Series rack servers for expanded capacity

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HyperFlex
Hyperconverged Simplicity from Data Center to the Edge

COMMON HX MANAGEMENT

HyperFlex Edge

Healthcare

Transportation

Finance

Manufacturing

Government

Hospitality

Retail

HyperFlex Systems

HyperFlex Edge

SMB Operations

Limited IT

Minimal Application Growth

Branches | **Core Data Centers** | SMB

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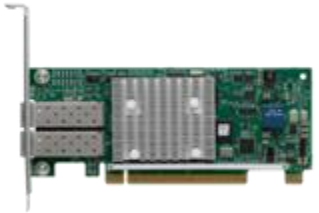
Cisco UCS Management Innovation

3 key areas of UCS innovation for management

1. Software Object Model: Hardware is not configured directly
2. API is foundational: everything is programmatic
3. Virtual Interface Card (VIC): NIC is programmable



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CISCO