Beyond 100G Era

Huawei Launch Industry 1st 200G LPU

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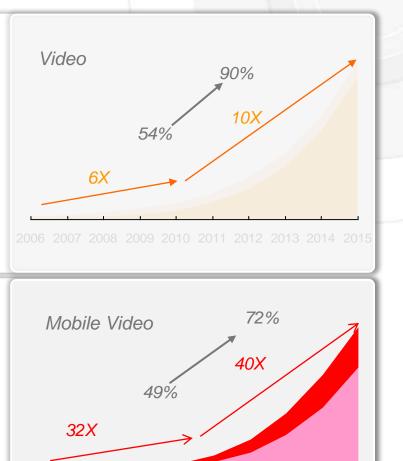
Bandwidth Demand in FBB&MBB Era

Internet @ bigger screen, FBB traffic fast growing

- TV@Home / Video@Home / App@Home
- Video: single screen -> multi-screen, single room
 -> multi-room
- Internet innovation: GoogleTV、AppleTV
- National broadband, global broadband

Small screen with bigger traffic, MBB traffic fast growing

- Smart device: online time increased by 50%
- ♦ iPhone 4: 960*640
- Macro/Micro/Femto: deep coverage drives MBH expansion

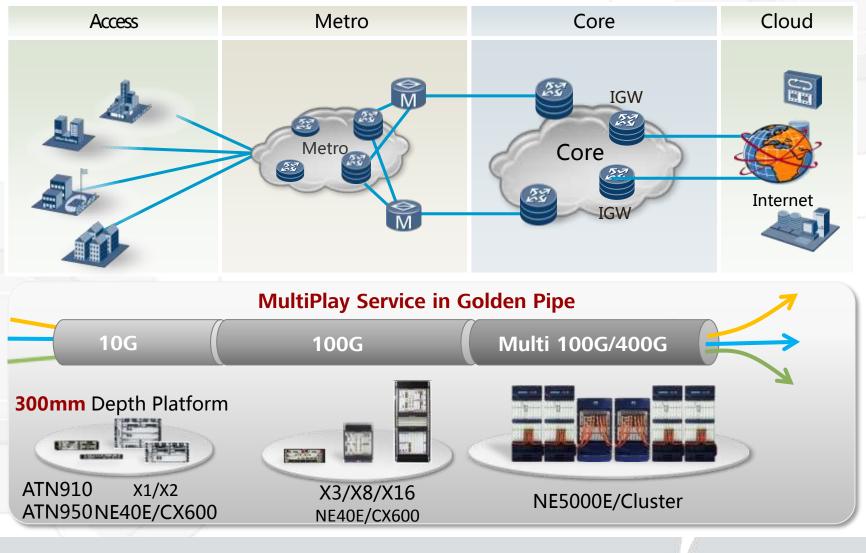


2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

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Non-Stop Bandwidth Requirement

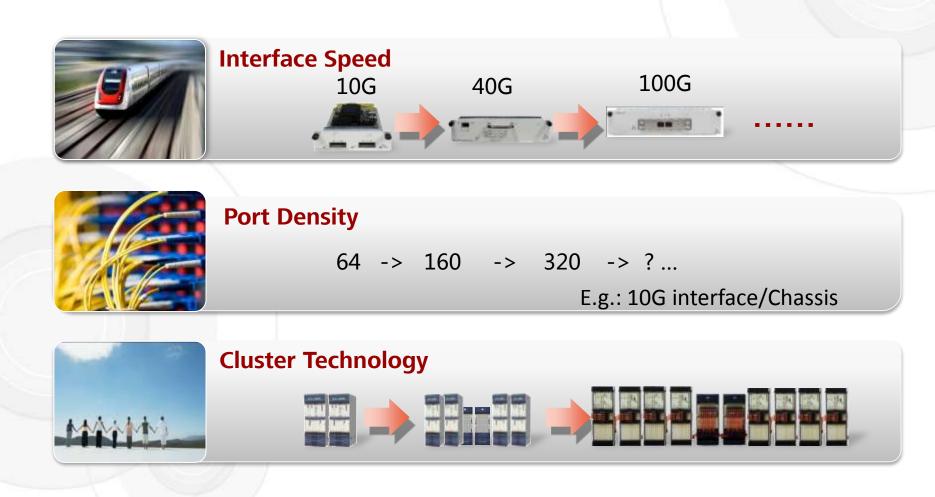


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Router Capacity is Increasing Correspondingly

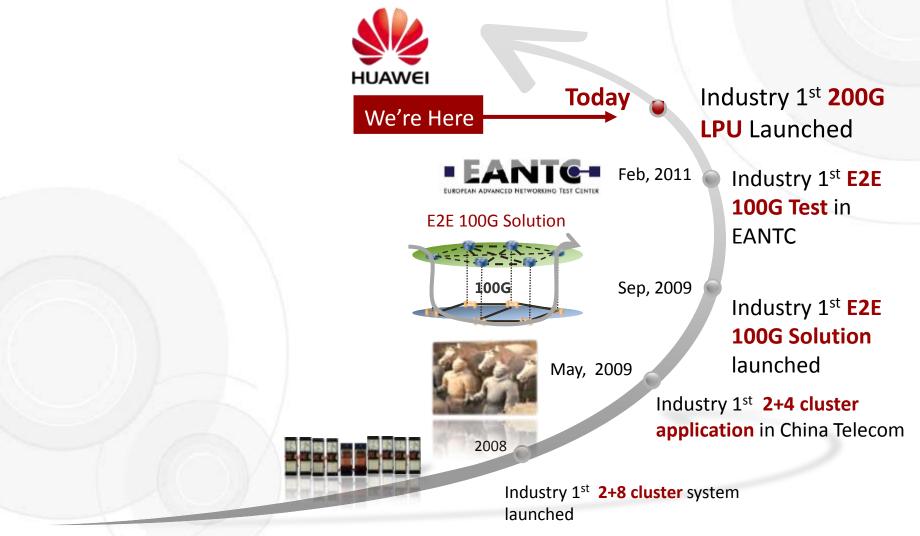


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Huawei Contribution for Ultra Broadband



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Industry 1st 200G Line Card



Performance

- 300M PPS
- Non-blocking forwarding

Green

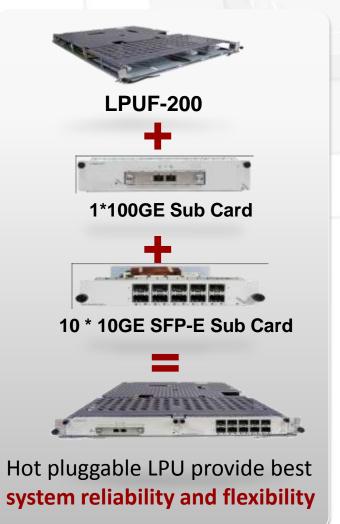
- Innovative MIP
- <2.62W/G



Service-Rich

- Innovative EQC
- 5-level QoS

MIP - Macro Instruction for Packet Processing EQC – Enhanced Quality Control



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200G

Line card

Solar

Chipsets

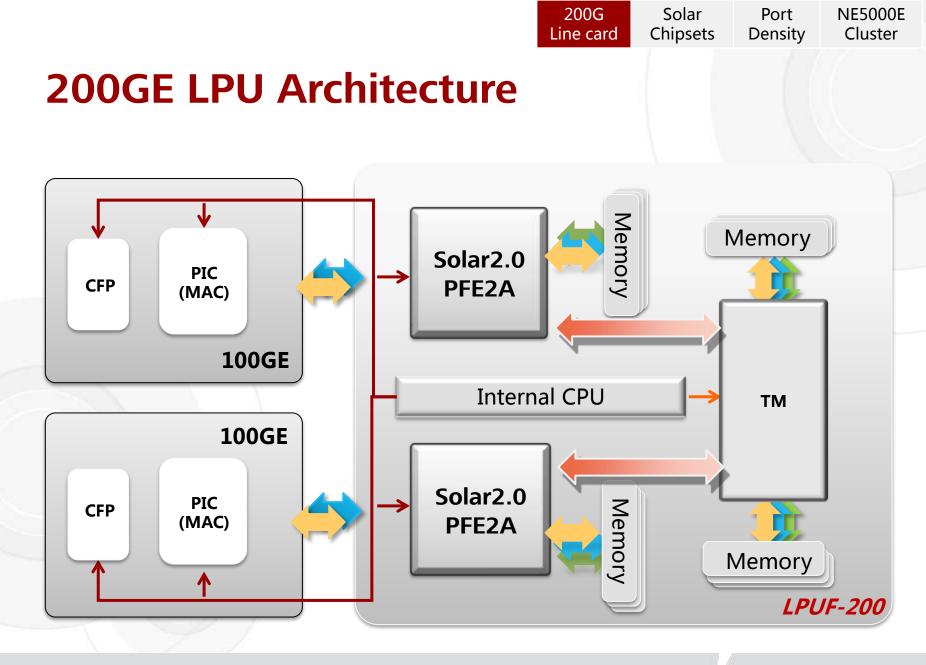
Port

Density

NE5000E

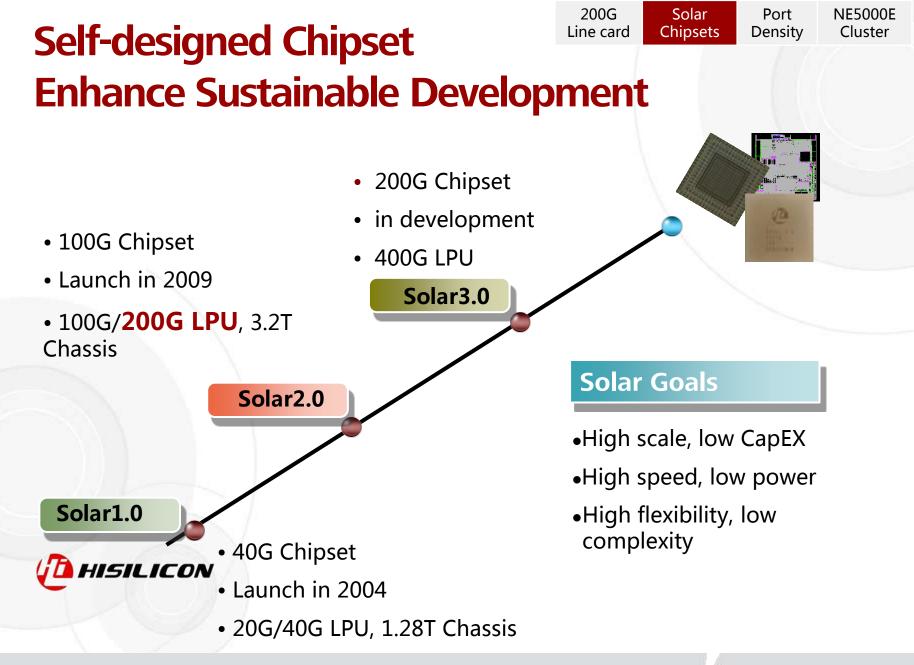
Cluster





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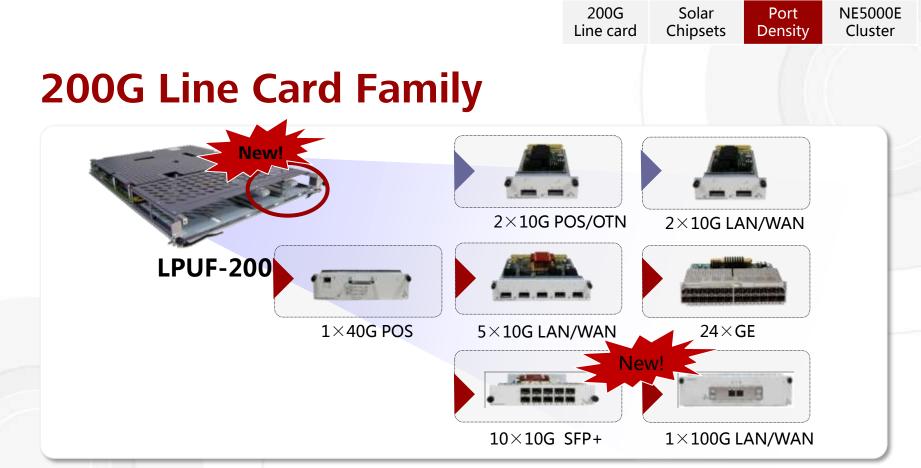








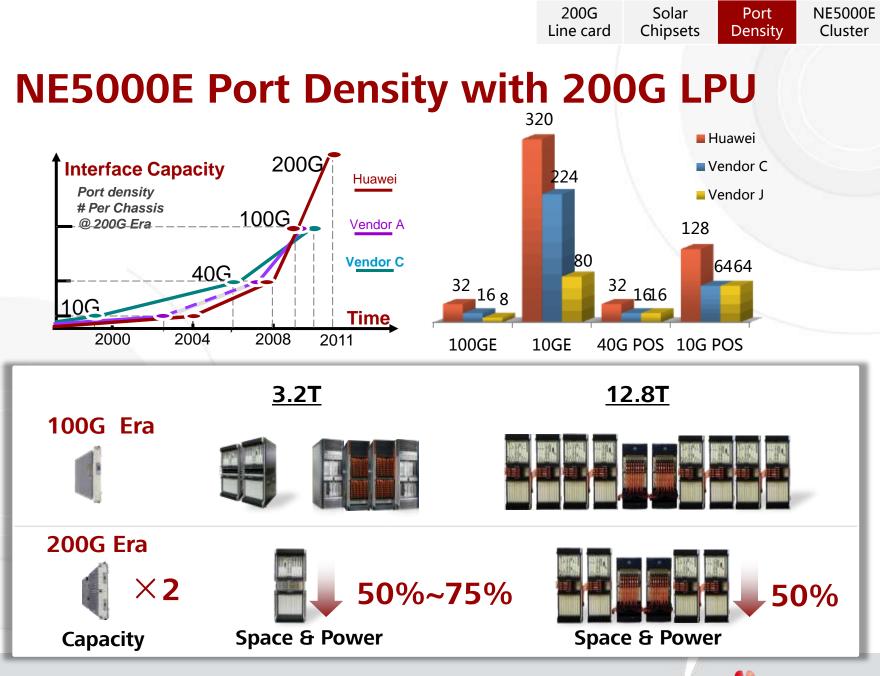




- Full series flexible card with both $\frac{1}{2}$ and $\frac{1}{4}$ slot size can be deployed on demand.
- Smoothly expansion stepped by carriers' service requirement to protect investment.
- Hot pluggable enabling service reliability

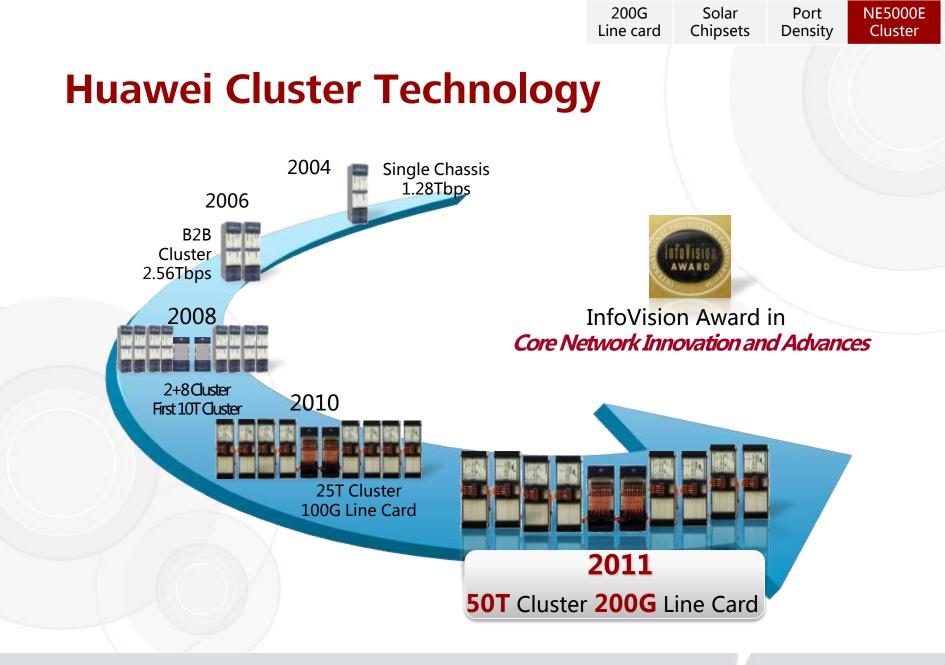
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NE5000E Worldwide Applications



- ◆ **2300**+ NE5000E are deployed worldwide.
- 160+ NE5000E cluster commercial application in 20+ backbone/metro core network.
- ◆ 1st 2+4 commercial cluster application in China Telecom

By the end of 2010

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200G

Line card

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NE5000E

Cluster



Summary





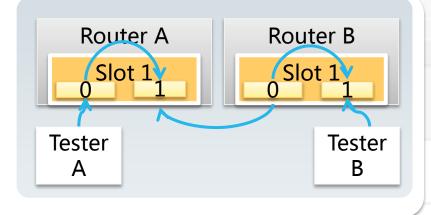
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200G LPU Test in Beijing

- Date: 29th, Apr, 2011
- Location: Beijing R&D Center
- Room : IP Innovation Center (Q10-1-A05R)
- Time : 10:00am 12:00pm





◆Test Items: traffic forwarding

•Line Rate Monitoring

♦ Test Instruments: IXIA

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