
intel®
Look Inside.™

Technology is a Journey
Not a Destination

Renée James
President, Intel Corp

Building Tomorrow's

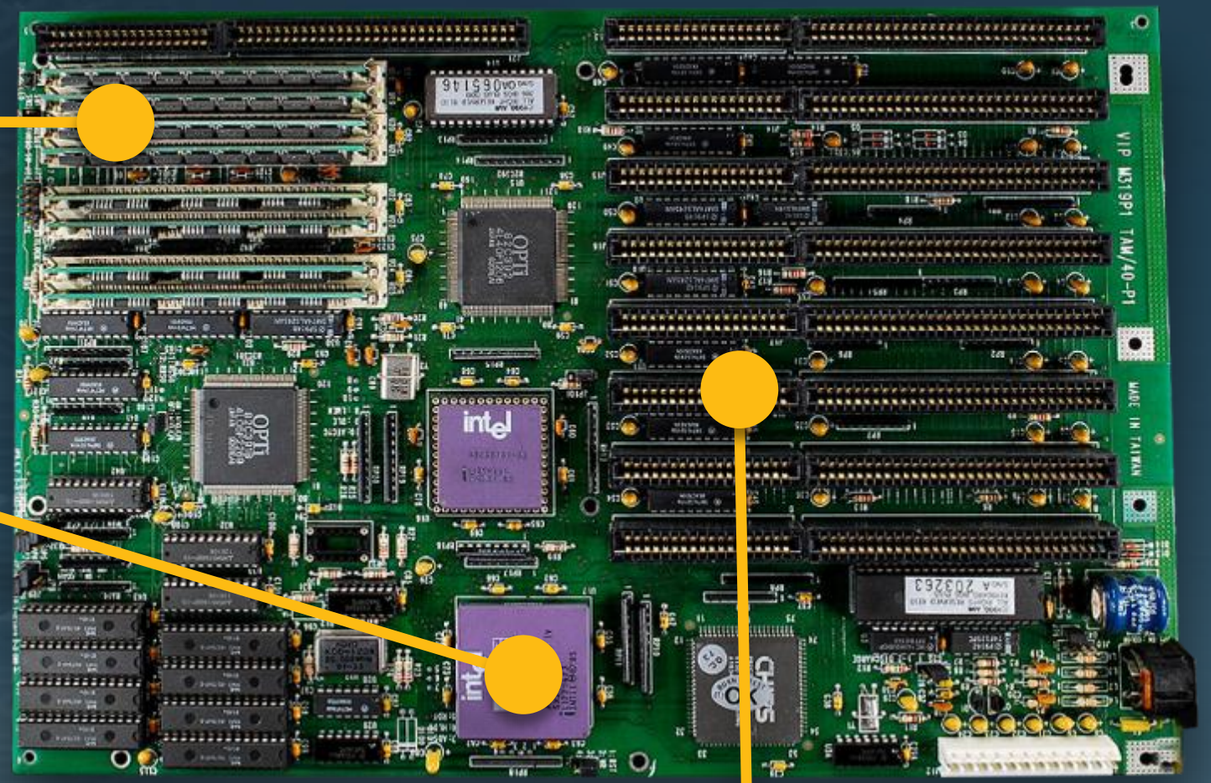
TECHNOLOGIES

Late 80's

The Early Motherboard Era

32MB
of Ram

Up to
33MHz



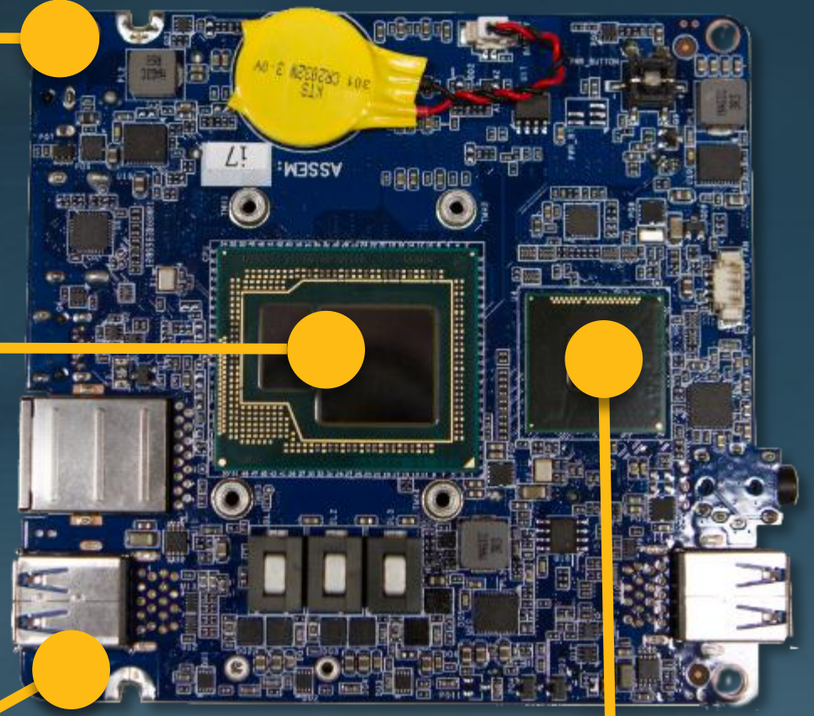
ISA
Graphics

2014
Today's Motherboards

16GB
of Ram

4th gen
Intel® Core™ i7
4500U @ 3GHz

100 X 105mm
Footprint



Intel HD 4400
Graphics

Decreasing Size and
INCREASING PERFORMANCE

A Decade Later

“There is no reason for any individual to have a computer in his home.
Ken Olsen, Digital Equipment
Nov 1977

100 Million
PCs Shipped

100
75
50
25
0

1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998

Source: IC Insights Other names and brands may be claimed as the property of others.

The Next Decade

232 Million
PCs Shipped

“The PC Era is over”
Lou Gerstner – CEO, IBM
April 5, 1999

250
200
150
100
50
0

1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006

Source: IC Insights Other names and brands may be claimed as the property of others.

And, Just Five Years Later

“Repeat after me…
The PC era is over”
Rich Templeton - CEO, Texas Instruments
July 2005

354 Million
PCs Shipped

350
300
250
200
150
100
50
0

1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

Source: IC Insights Other names and brands may be claimed as the property of others.

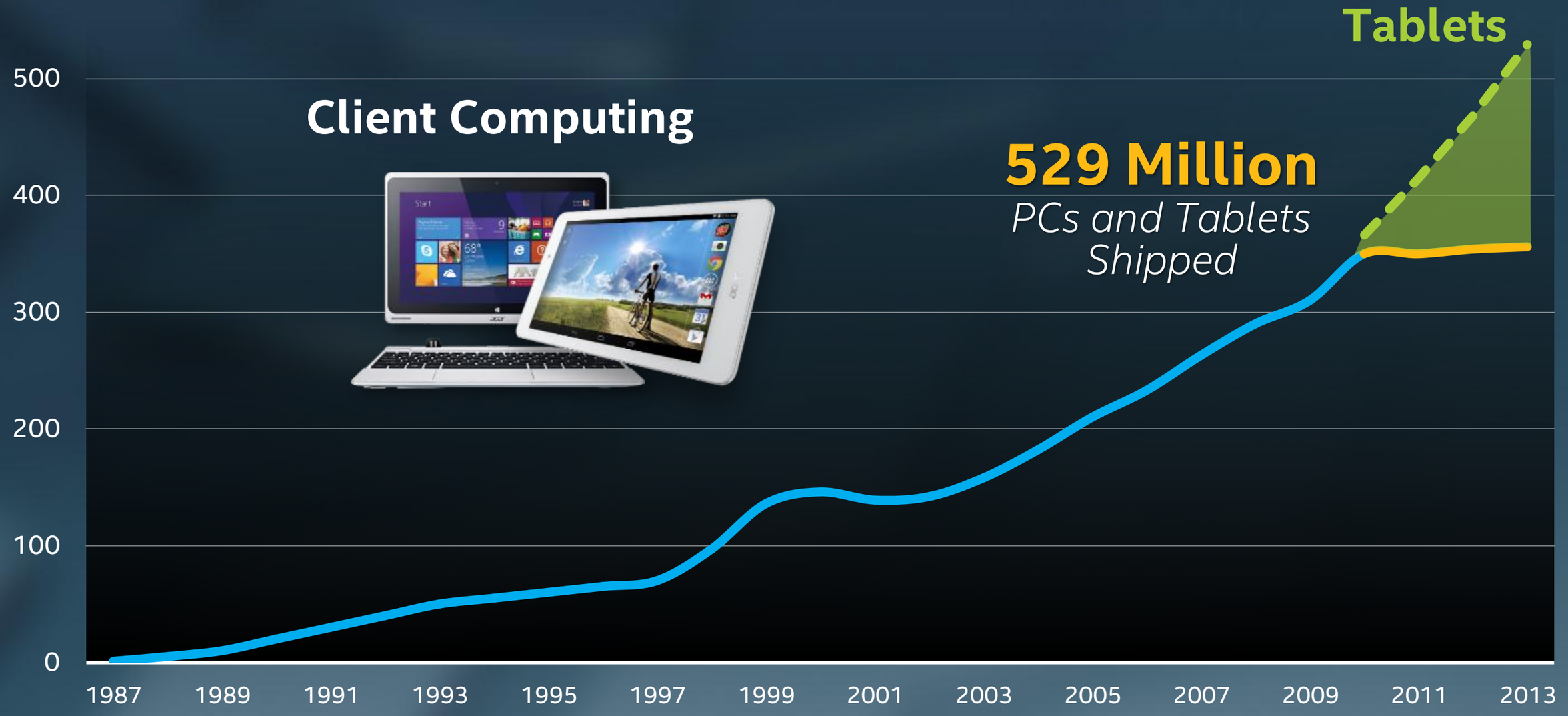
And The
Journey Continues

Computing is

Expanding, Again

Source: Yankee Group

A Half Billion Unit Market



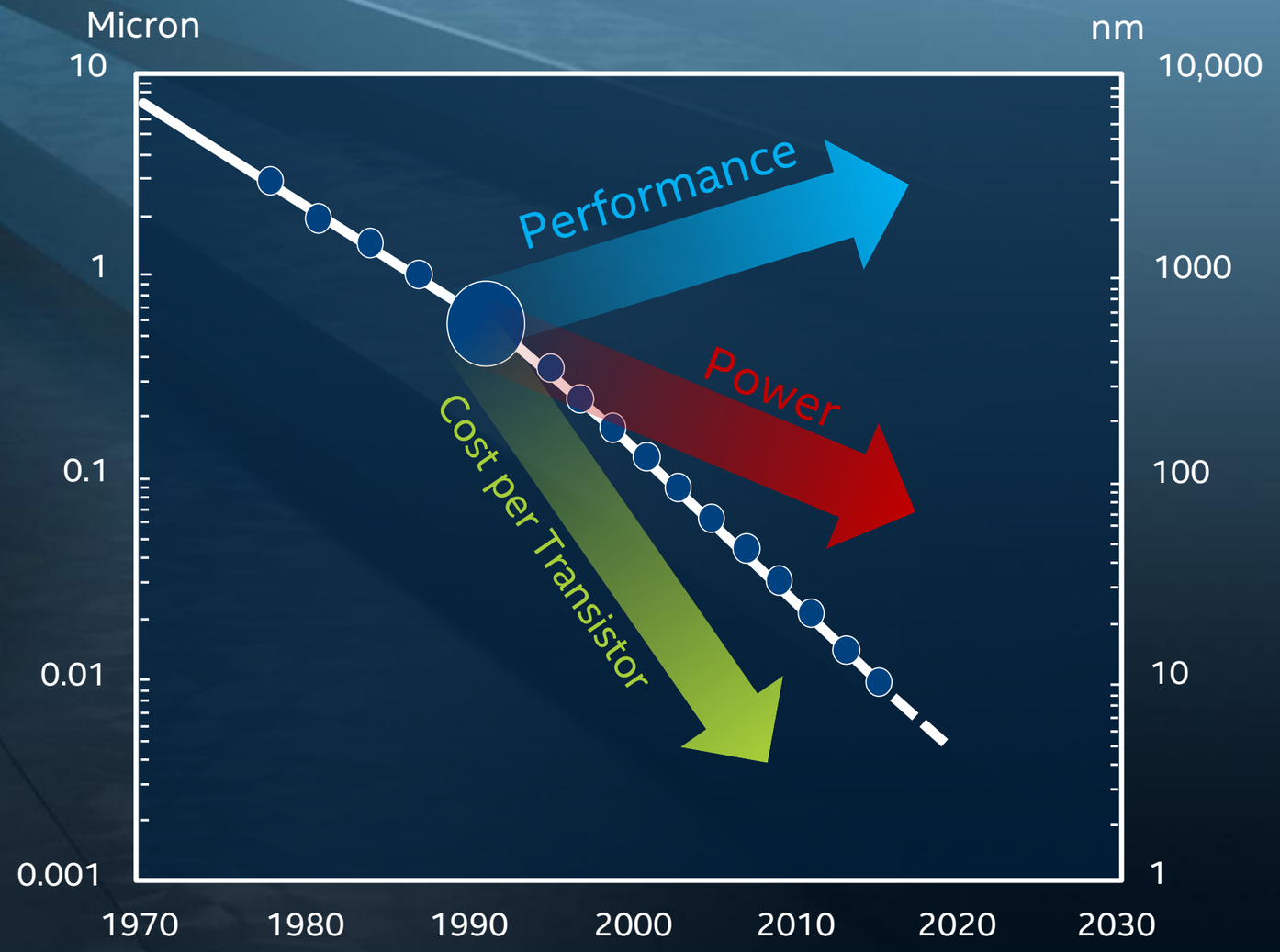
Source: IC Insights Other names and brands may be claimed as the property of others.

Moving to the Era of

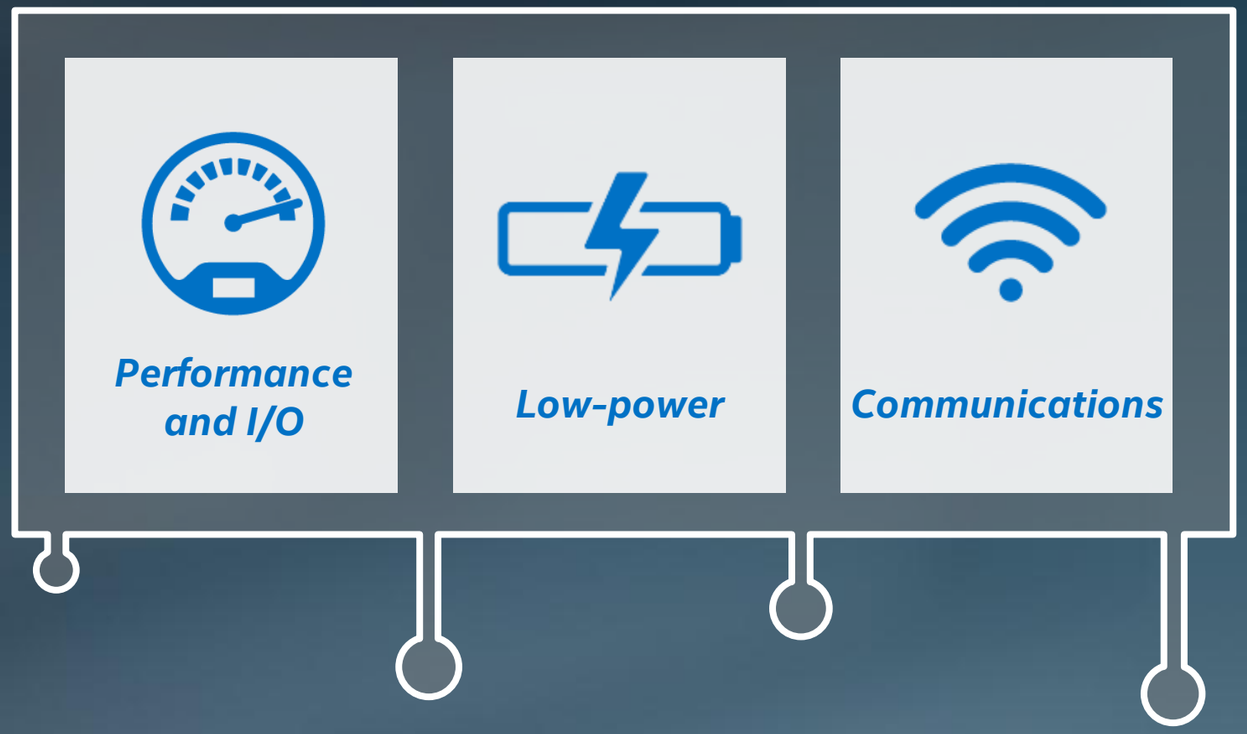
INTEGRATED COMPUTING

MOORE'S LAW PROVIDES

Improved performance, lower power and lower cost per transistor



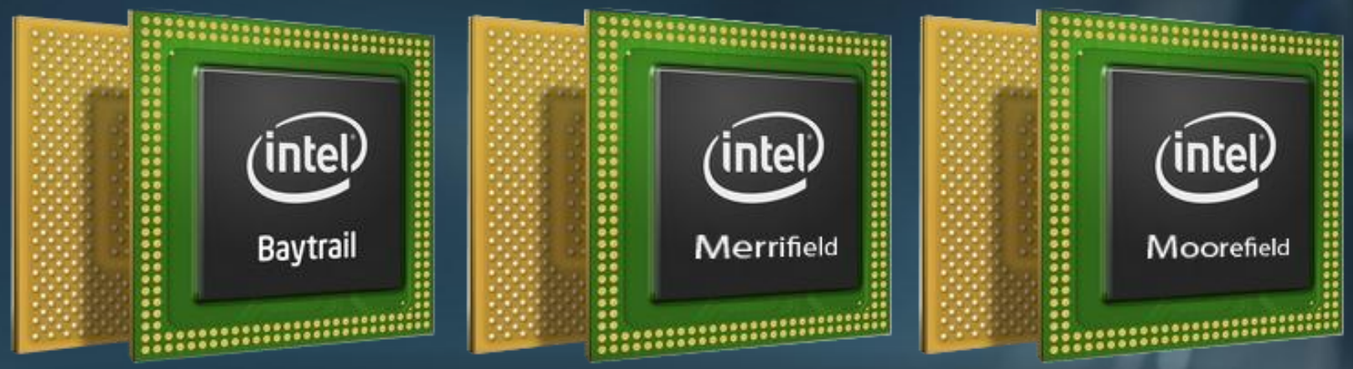
Semiconductor
Technology Evolution
Drives Integration



Intel Enabling

ULTRA MOBILE DEVICES

Tablets to Phones



~40 NEW DESIGNS

ANDROID and WINDOWS TABLETS

with Intel Technology

FOXCONN
鴻海科技集團

YOUNG LIU

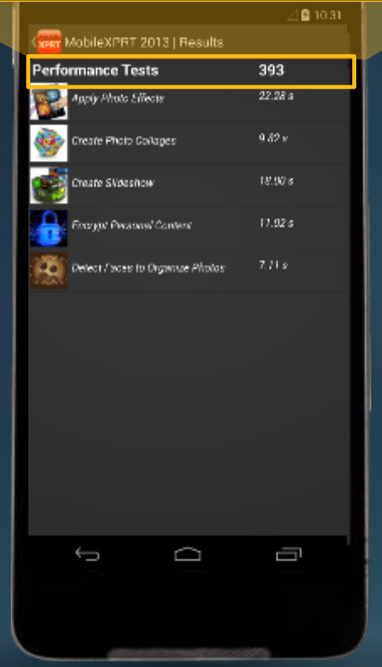
General Manager
Innovation Digital System
Business Group (iDSBG)
Foxconn

Leadership
in Mobile Devices

MobileXPRT 2013 Results

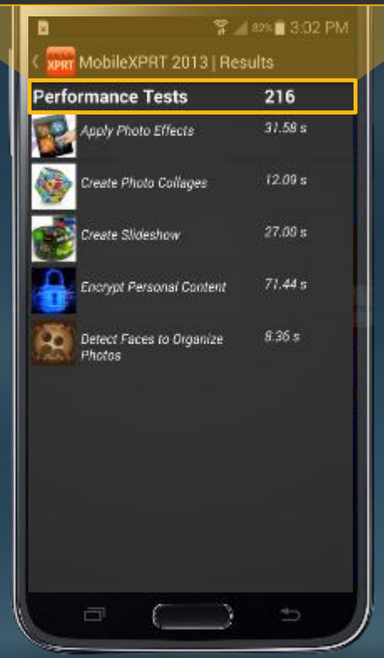
Intel® Atom™ Z3580 (Moorefield)

Performance Tests 393



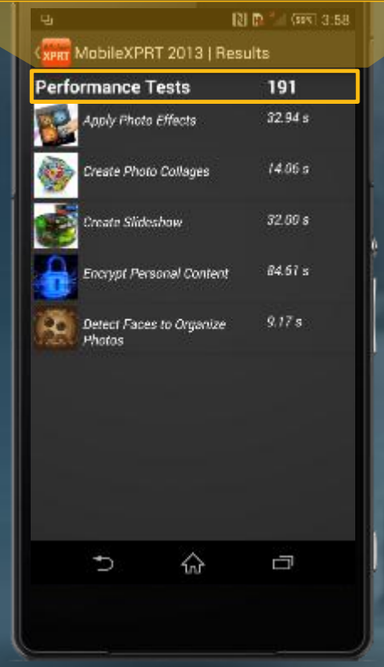
Qualcomm® Snapdragon™ 801

Performance Tests 216



Qualcomm® Snapdragon™ 801

Performance Tests 191



Other names and brands may be claimed as the property of others.

Pegatron* Moorefield Z3580: 4T4C Silvermont, up to 2.33GHz, 2GB LPDDR3-1600, Imagination G6430 Graphics, 5.5” screen with 1920x1080 resolution, Android 4.4.2
Samsung* Galaxy* S5: Qualcomm* Snapdragon* 801, 4T4C Krait *400, 2.5GHz, 2GB LPDDR3-1867, Adreno* 330 Graphics, 5.1” screen with 1920x1080 resolution, Android 4.4.2
Sony* Xperia* Z2: Qualcomm* Snapdragon* 801, 4T4C Krait *400, 2.5GHz, 3GB LPDDR3-1867, Adreno* 330 Graphics, 5.2” screen with 1920x1080 resolution, Android 4.4.2

Introducing the

New Intel® Core™ M and Intel® Core™ M vPro™ Processors

- Blazing fast performance
- Smooth app-switching
- Powerful visuals
- Long battery life

Delivering

LTE-ADVANCED

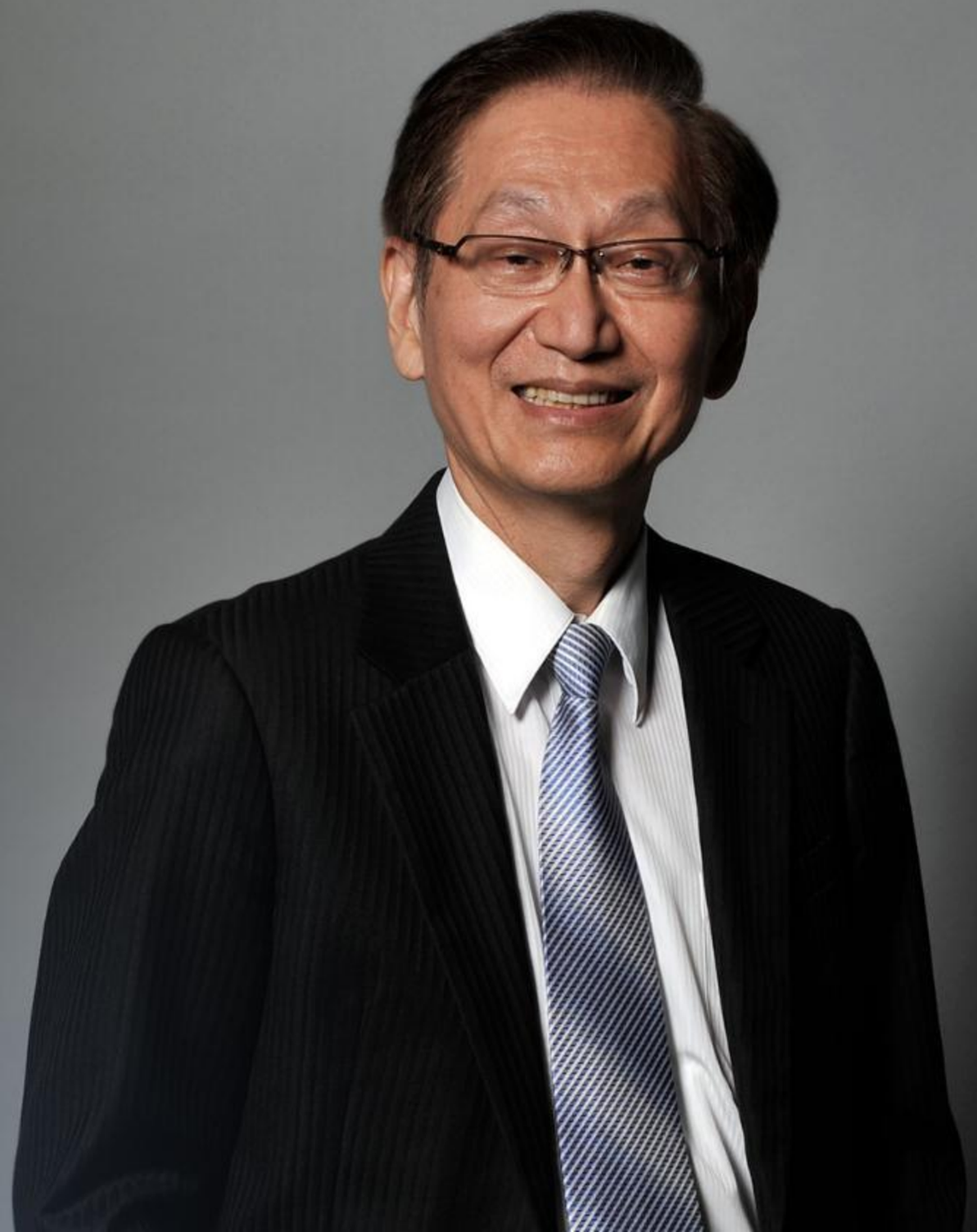
Products

ASUS®

Jonney Shih

Chairman

Asus



ASUS
IN SEARCH OF INCREDIBLE

TRANSFORM YOUR POSSIBILITIES WITH THE NEW

ASUS TRANSFORMER BOOK T300 CHI

Delivering

LTE-ADVANCED

Products

LTE Network service provided by

中華電信 Chunghwa Telecom 4G LTE

Umin Boya

Director

榮耀再現 KANO

Delivering

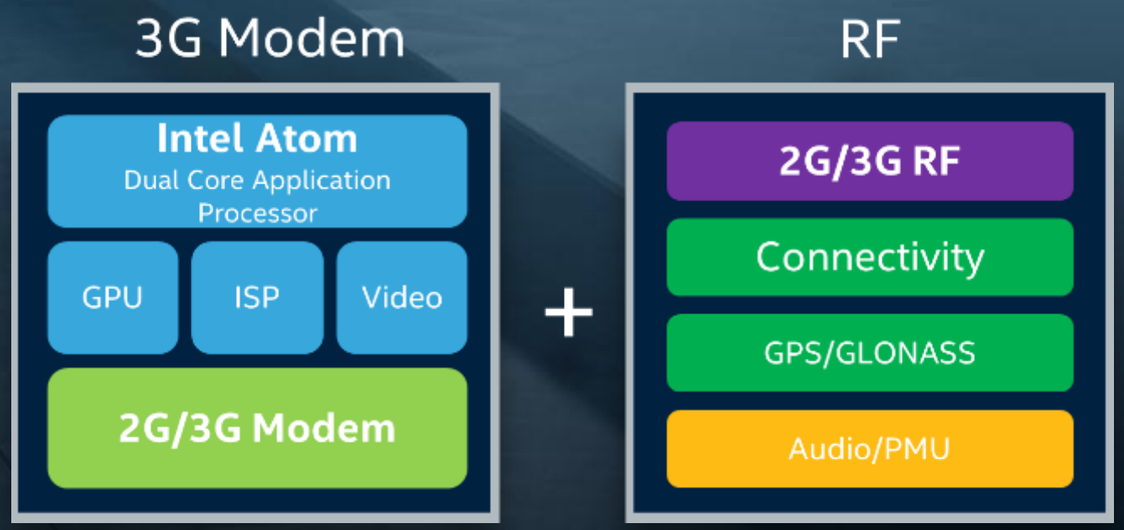
LTE-ADVANCED

Products

SoFIA 3G

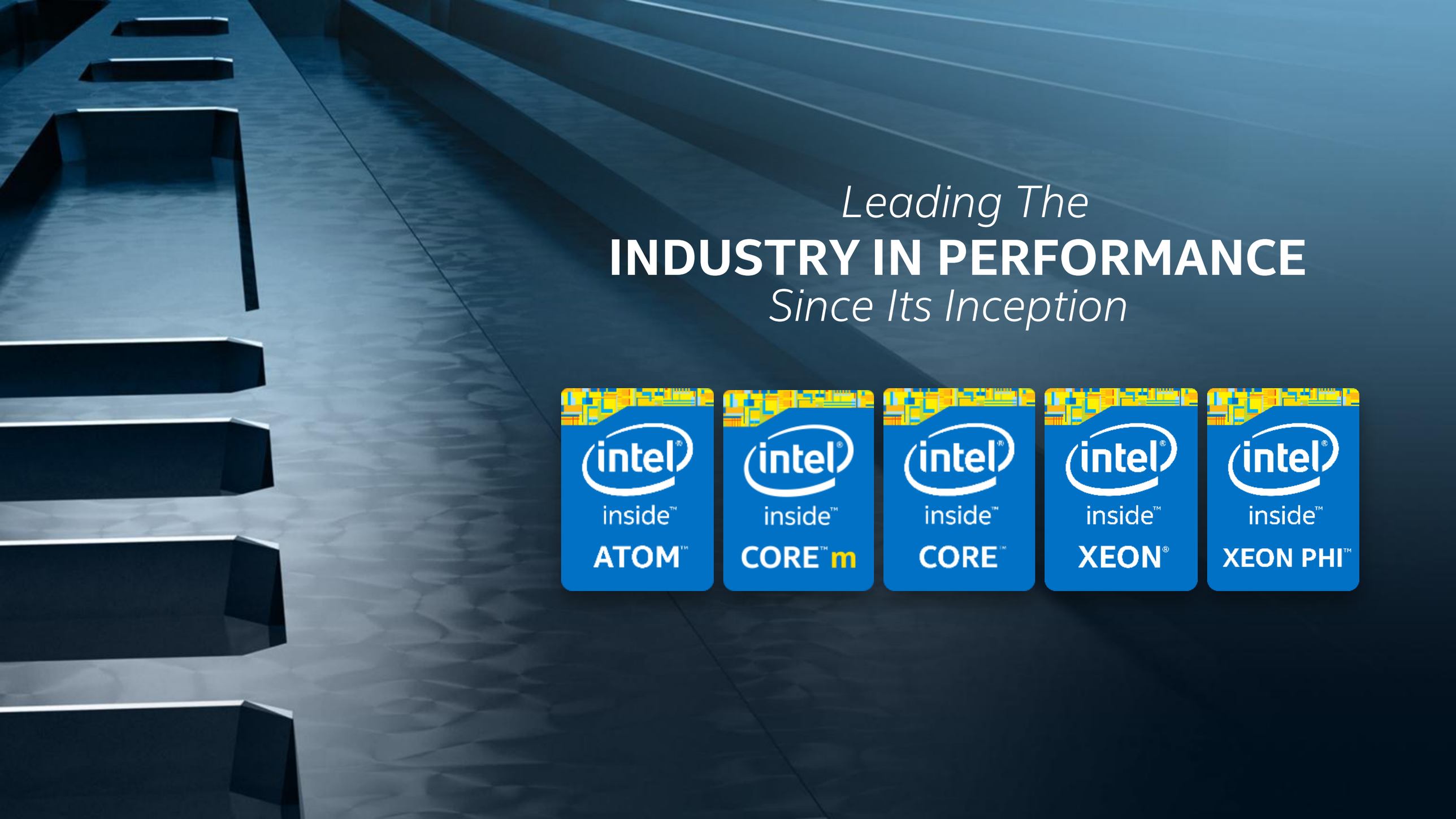
Shipping Q4'14

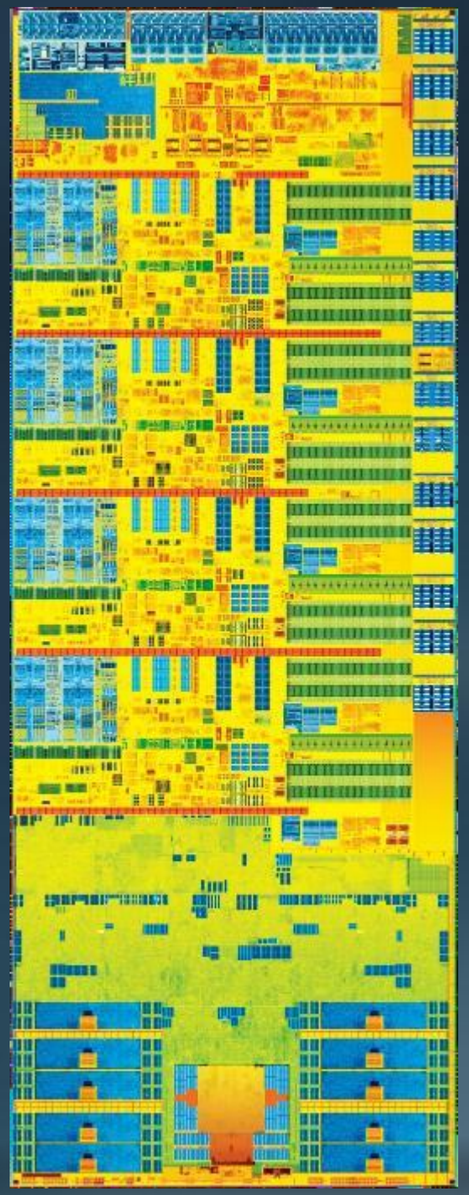
First Intel® Atom™ Application Processor
Integrated with Leading Global 3G Modem



Great Performance for the
Entry And Value Market

Expanding the Range of Solutions for Ultra Mobile Devices


Leading The
INDUSTRY IN PERFORMANCE
Since Its Inception
intel inside ATOM
intel inside CORE m
intel inside CORE
intel inside XEON
intel inside XEON PHI



Introducing the

Quad Core 4 GHz

Intel® Core™ i7 Microprocessor

Intel® Solid-State Drive Data Center Family for PCIe

6x Data throughput

Offering a range of endurance options

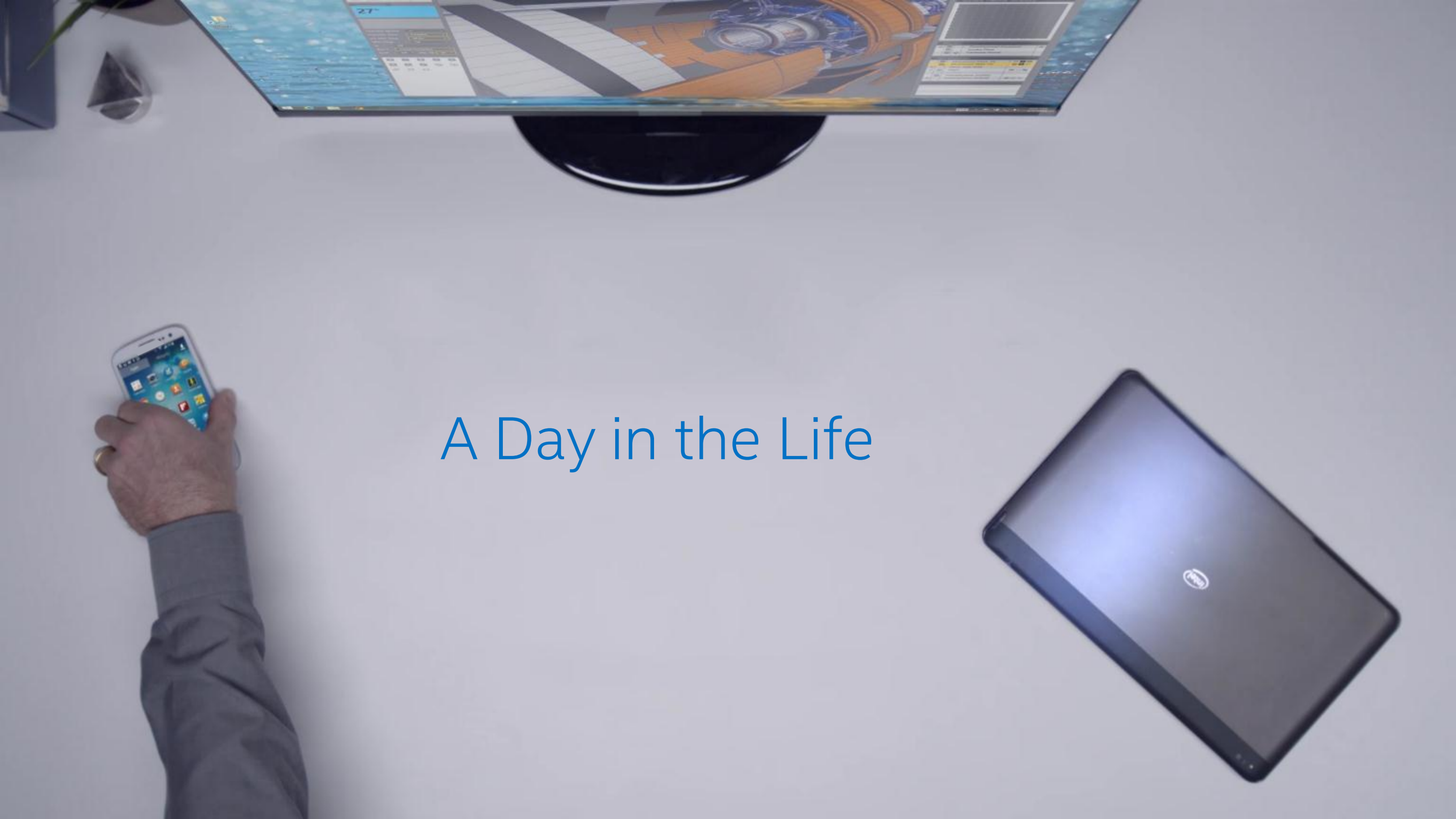
Performance for the Data Center

Quanta®
Optimize Your Datacenter

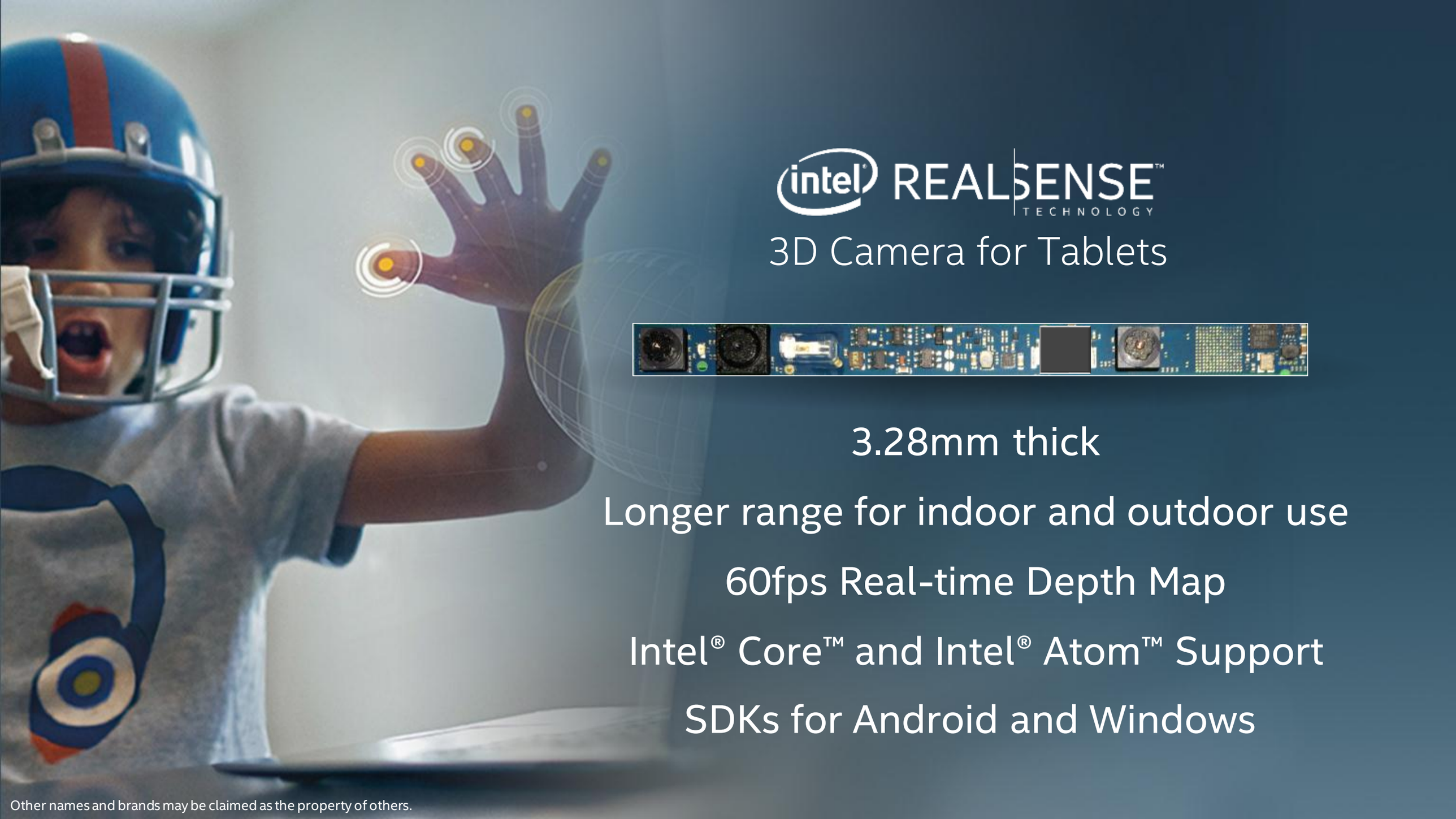
MIKE YANG

VP and GM of
Cloud Computing Business Unit
Quanta Computer


The Future of
COMPUTING
Where we go from here



A Day in the Life



intel REALSENSE™ TECHNOLOGY

3D Camera for Tablets

3.28mm thick

Longer range for indoor and outdoor use

60fps Real-time Depth Map

Intel® Core™ and Intel® Atom™ Support

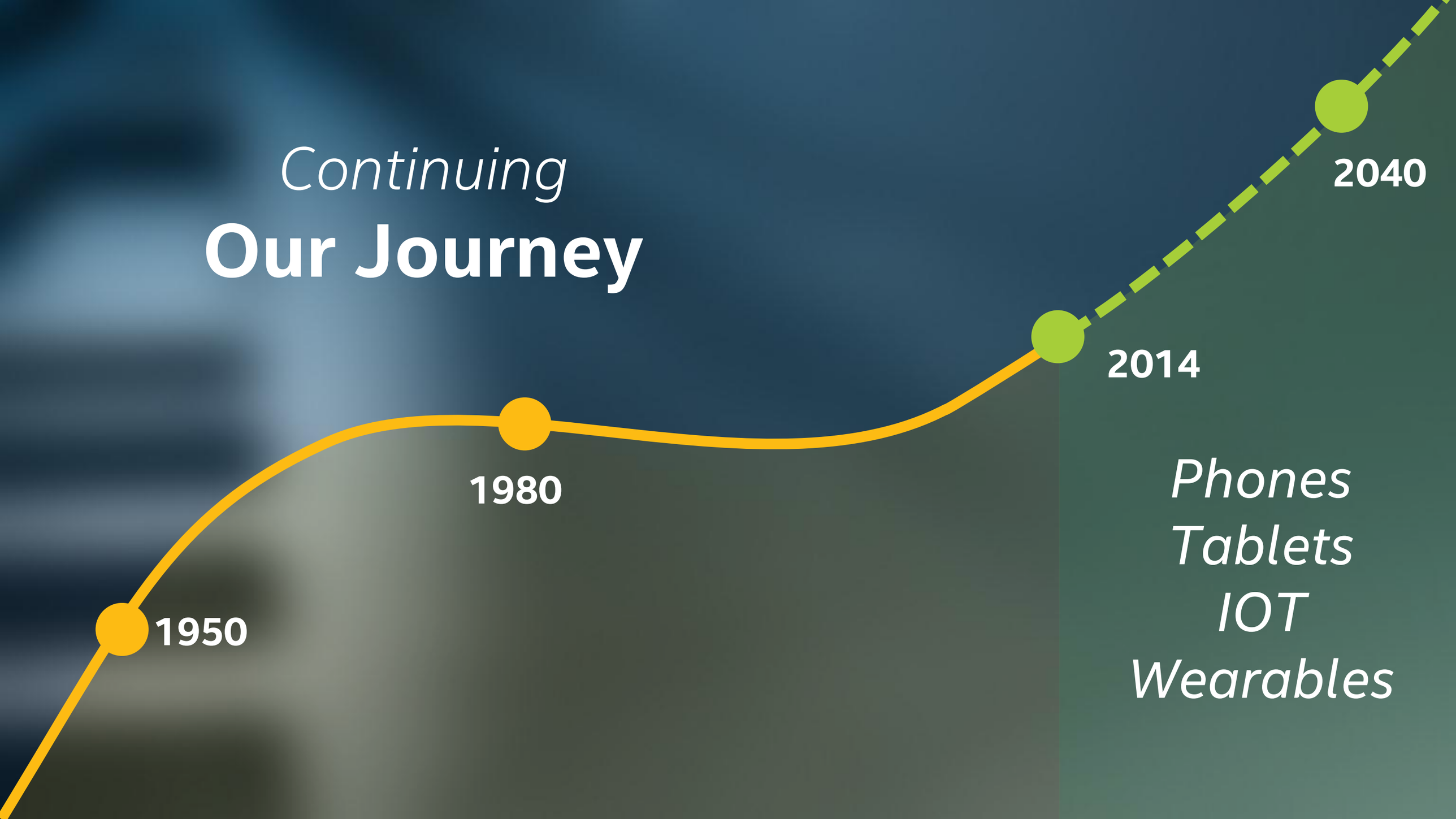
SDKs for Android and Windows

Our Vision

A future where computing is integrated into the fabric of your life: integrated communications, compute, sensors, and the cloud.

Continuing

Our Journey

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Risk Factors

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Intel is a sponsor and member of the BenchmarkXPRT Development Community, and was the major developer of the XPRT family of benchmarks. Principled Technologies is the publisher of the XPRT family of benchmarks. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases.

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