Industry Forum



pcim EUROPE ...digital days

GaNFast Power ICs: The Game-Changer

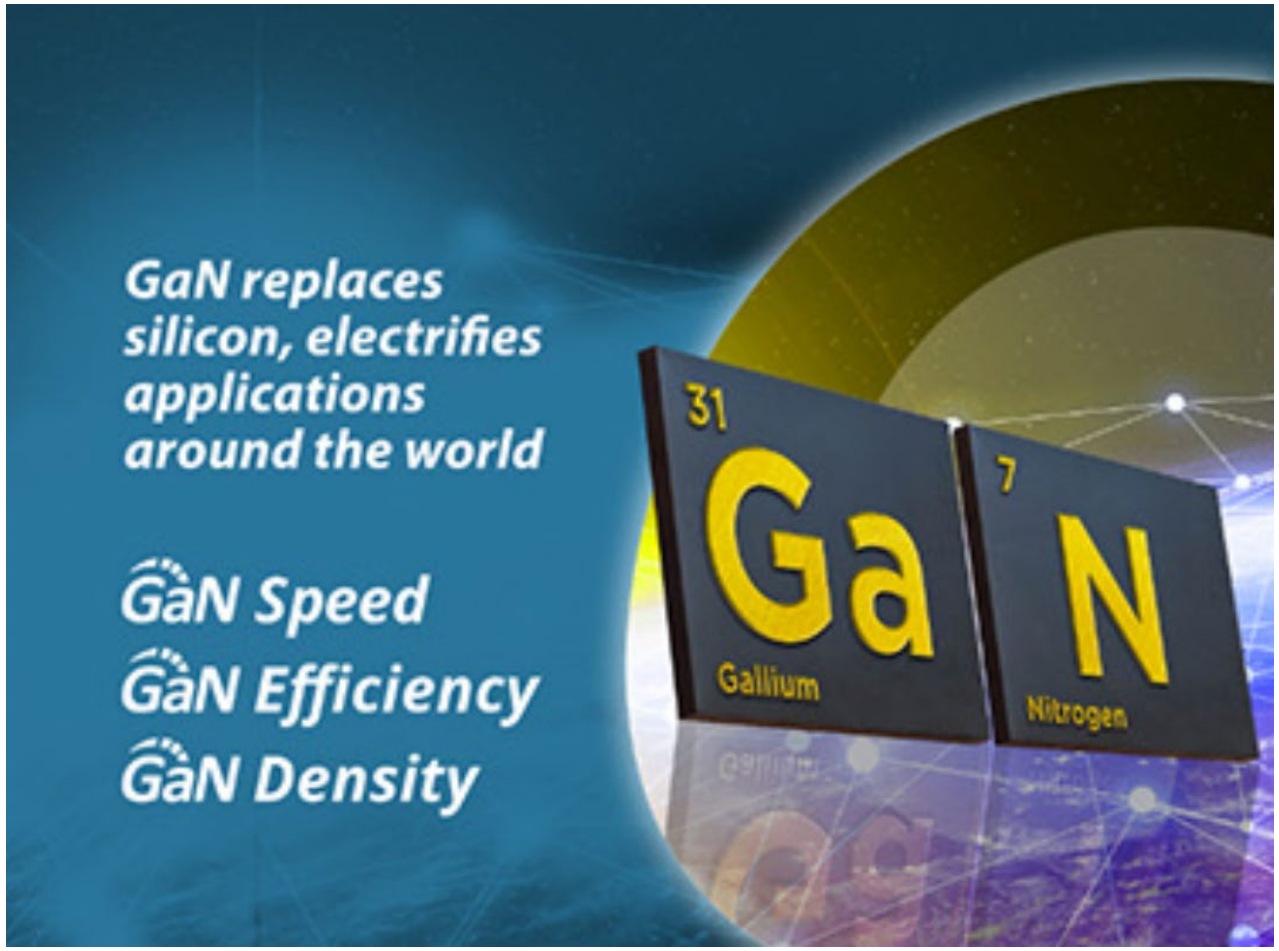
Stephen Oliver, Navitas Semiconductor

PCIM, July 8th, 2020

Navitas Semiconductor Inc.

GaNFast™

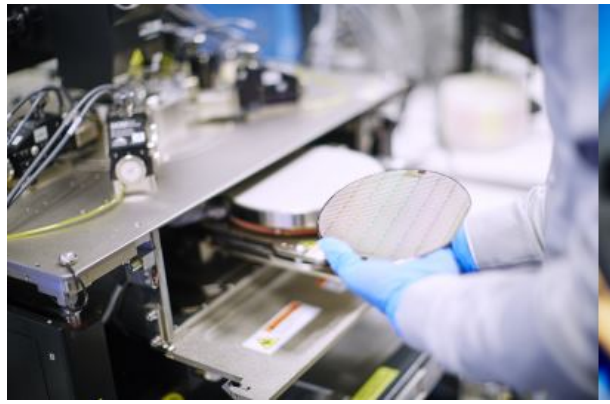
World's first & only GaN power IC company

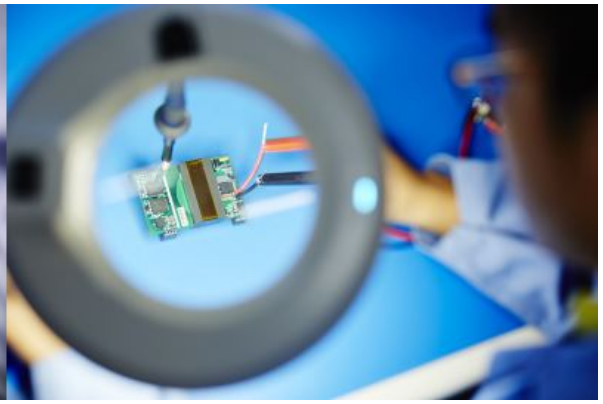


navitas

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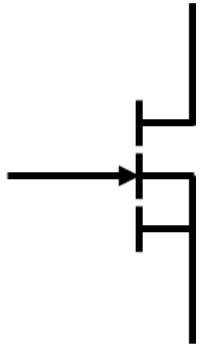






World's First GaNFast™ Power ICs

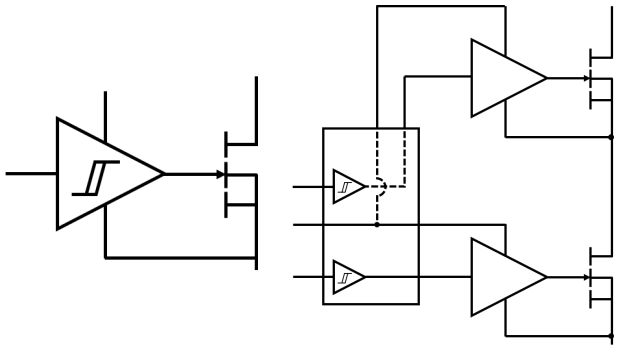
Fastest, most efficient GaN Power FETs



>20x faster than silicon
>5x faster than cascoded GaN

+

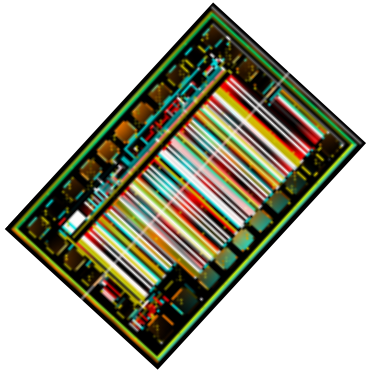
First & Fastest Integrated GaN Gate Drivers



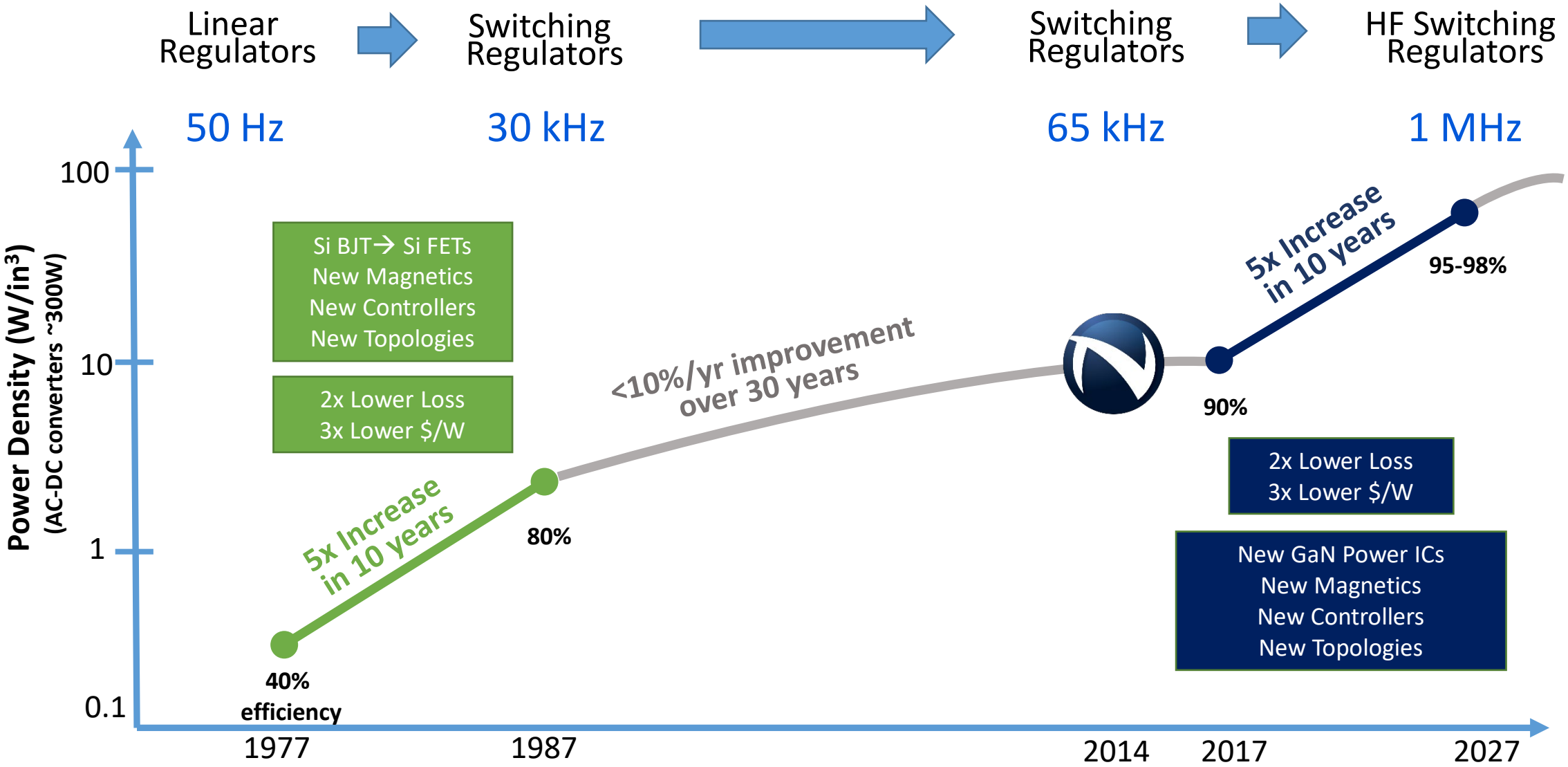
>3x faster than any other gate driver
Stable, safe, superior efficiency

=

World's First GaNFast™ Power ICs

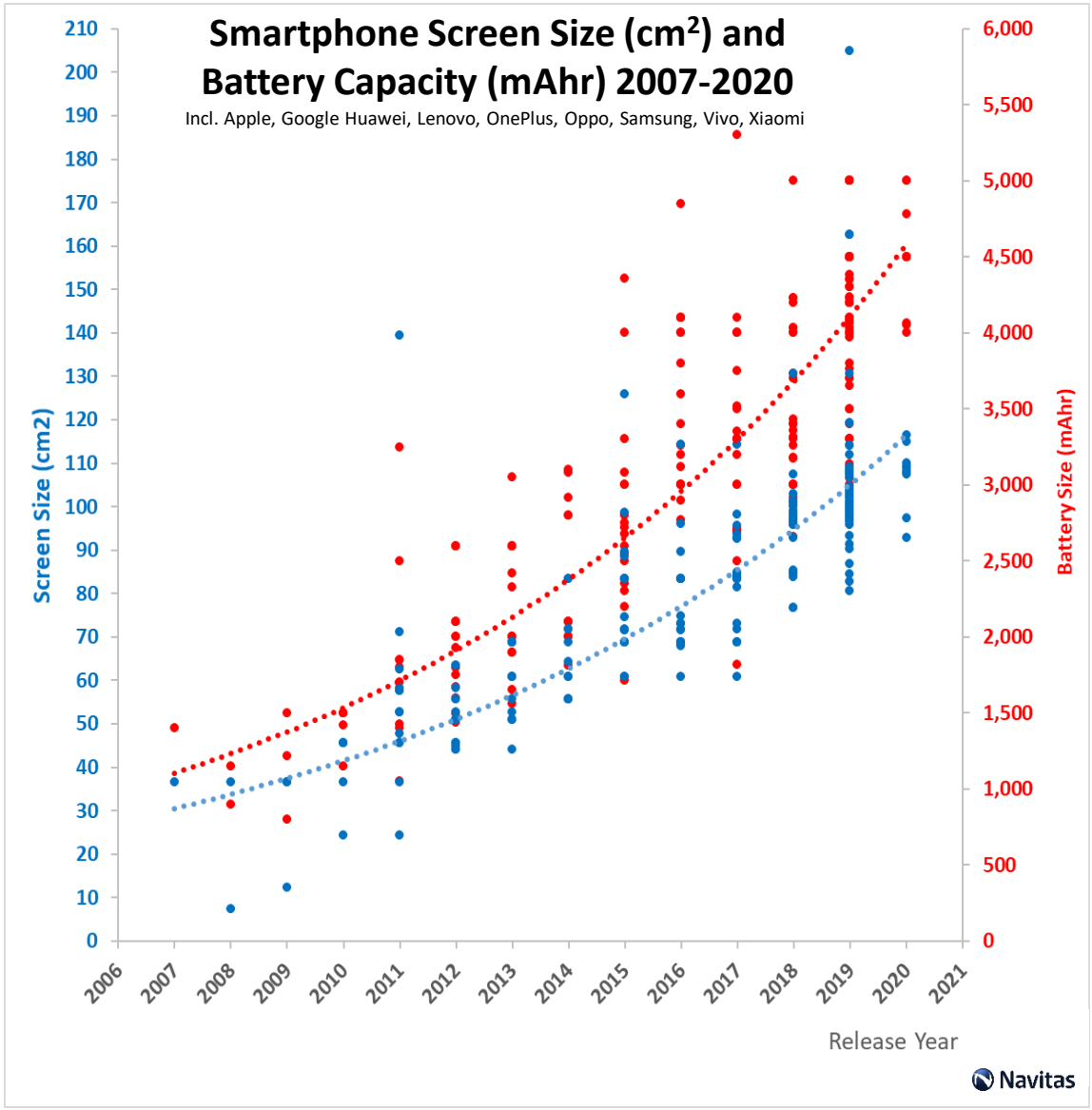


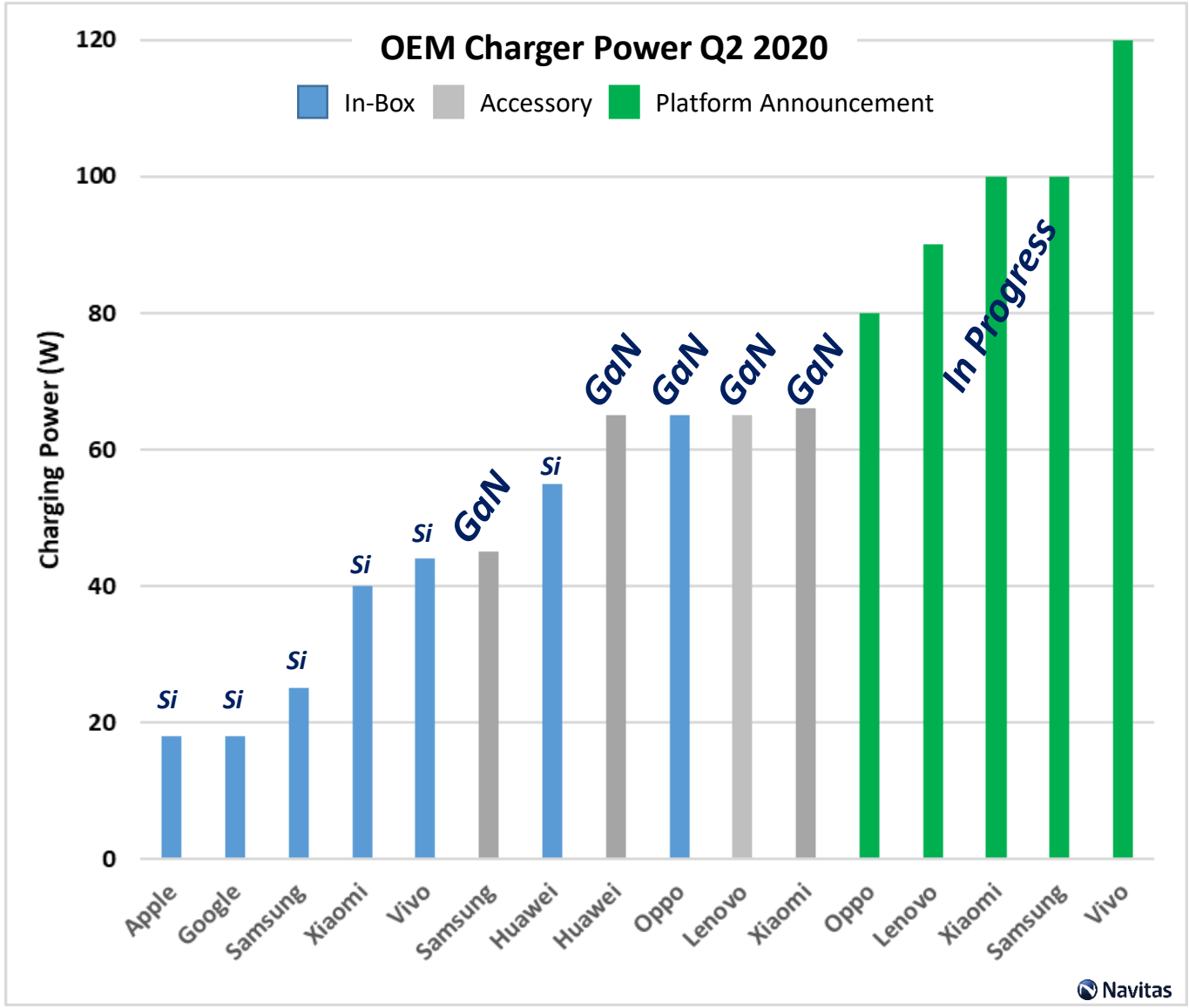
Game-Changer: Second Revolution in Power



Game Changer:

Big Screens, Big Batteries, Big Power, Big Adoption





Source: gsmarena.com, Navitas

Game Changer: Smaller, Lighter, Lower Cost

	Silicon			GaN		
Brand	**Innergie**	**Apple**	**Lenovo**	**AUKEY**	**Xiaomi**	**Lenovo**
						
Size (cc)	**57**	**149**	**79**	**61**	**53**	**63**
Weight (g)	**86**	**193**	**127**	**92**	**82**	**93**
Price ($)	**$109**	**$69**	**$46**	**$36**	**$32**	**$30**

Average 45% smaller, lighter, lower cost

60W - 65W single USB-C fast chargers. Retail price US$ at launch

Major Players Go GaNFast™

小米 xiaomi.com

65W USB-C
53 cc, 1.2 W/cc





Mi 10, Mi 10 PRO

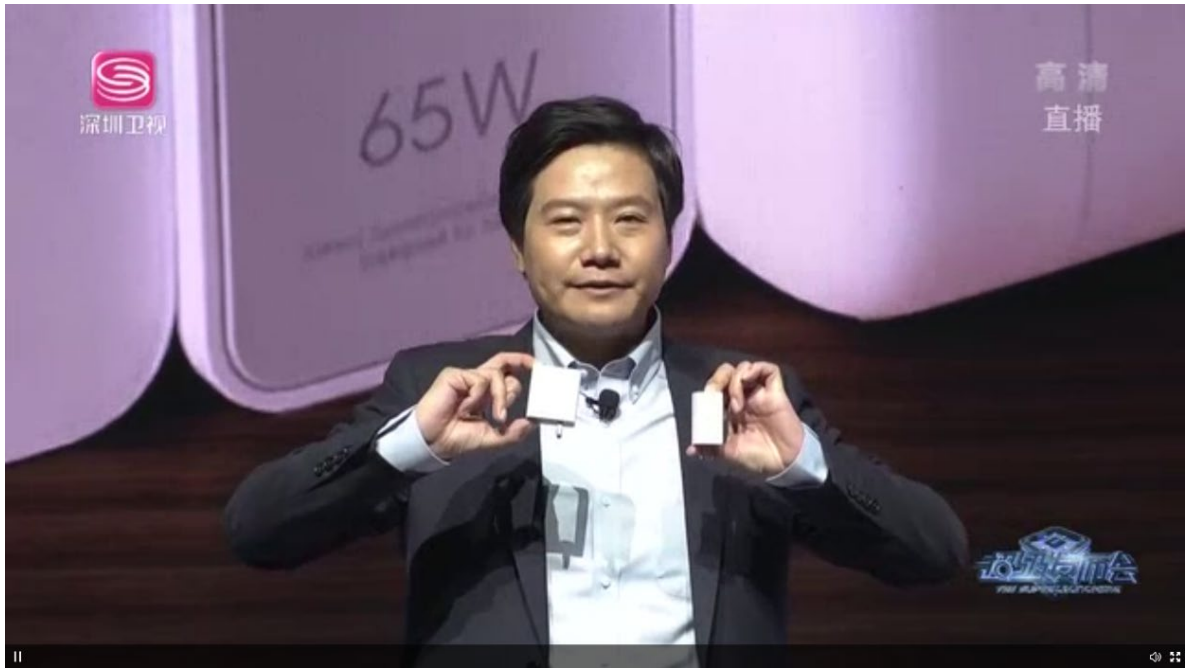
Lenovo

65W USB-C
63 cc, 1 W/cc



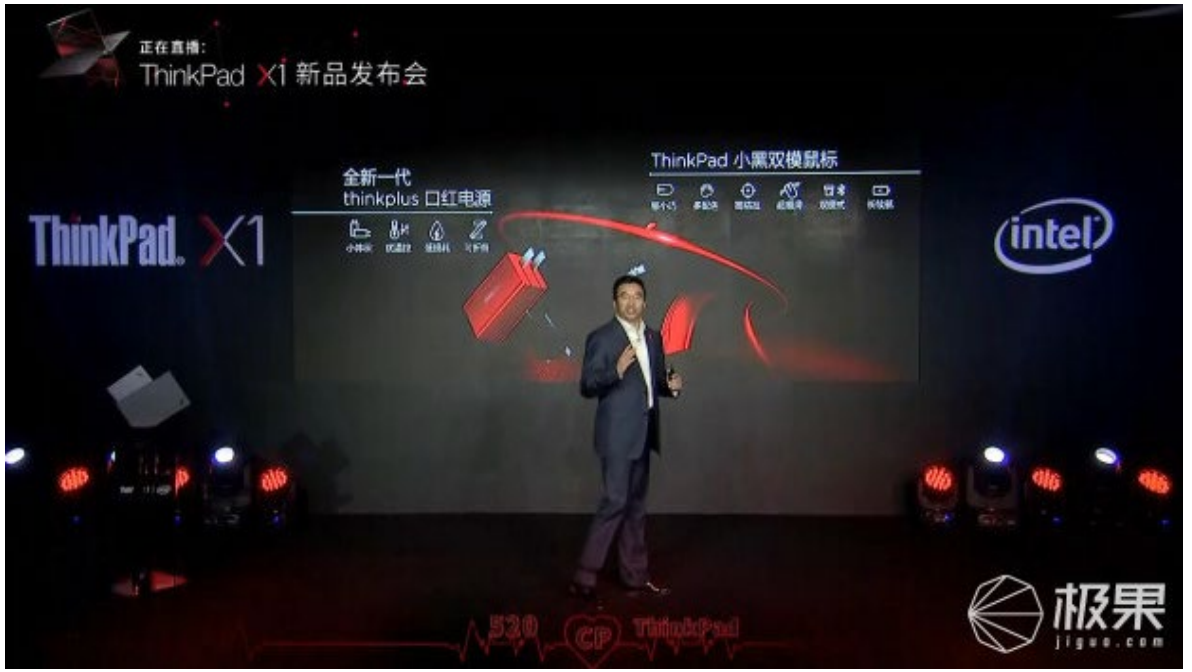


Thinkpad X1 Carbon 2020



"How tiny is this GaN charger?"

Mr. Jun LEI, Xiaomi CEO: Mi 10, Mi 10 PRO launch 13th February 2020



"This is the next generation of chargers"

Mr. Wang Zhong, VP Lenovo Group: Thinkpad X1 Carbon, Yoga launch 20th May 2020



Here come the GaN chargers

Visit www.GaNFast.com for more!