Power over Time 10,000 -2,000 -**O** 16 Δ **3**2 1,000 -**O** 40 Α **O** 55 **130 O** 150 200 -**O** 250 TDP (Watts) 100 -Intel ▲ NVIDIA **0**0 0 20 -**A** 000 10 -0 2000 2001 2002 2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 1999 2009 2024 Launch

Fab (nm) O null **O** 4 **O** 5

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O 65 08 🔘

180

O 350

Vendor O AMD