Memory Bus Width over Time 10,000 -**Memory Bus type** 1T-SRAM O DDR O DDR2 O DDR3 O DDR4 O DRAM O EDO VRAM 2,000 O FPM O GDDR2 O GDDR3 O GDDR4 1,000 O GDDR5 O GDDR5X O GDDR6 A AAA om o O GDDR6X O HBM2 AAA O HBM2E Δ НВМ3 0 00000 00000 00000 O LPDDR4 200 Memory Bus width (bit) O LPDDR4X O LPDDR4x O LPDDR5 O PCle 100 O SDR SGRAM 0 A 00 00 0 000A A A Ó O XDR Vendor O AMD **A A A** Δ Δ ☐ Intel ▲ NVIDIA 20 10 2 -1988 1990 1992 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2024 1986 1994 2022 Launch