Memory Bus Width over Time 10,000 -**Memory Bus type** 1T-SRAM O DDR O DDR2 O DDR3 A40A 40 AA (III) 00 O DDR3L O DDR4 O DRAM 0 0 0 0 2,000 EDO VRAM O FPM O GDDR2 O GDDR3 1,000 O GDDR4 O GDDR5 O GDDR5X A AAA O GDDR6 O GDDR6X O HBM Δ O HBM2 O HBM2E 200 Memory Bus width (bit) ○ НВМ3 O LPDDR4 O LPDDR4X O LPDDR5 100 O SDR SGRAM 0 0 A 00 00 0 00 A A O XDR Vendor AMD **A A A** 0 Δ Δ 0 0 ☐ Intel ▲ NVIDIA 20 10 0 2 -1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022 2024 1986 Launch