Memory Capacity over Time 1,000 = **Memory Bus type** 1T-SRAM O DDR O DDR2 O DDR3 O DDR3L 100 -O DDR4 0 O DRAM O EDO VRAM 0 000 Ο Δ AA @ O FPM AAAAAAO AAAAO O AAAA O GDDR2 O GDDR3 10 -O GDDR4 TOVANTA ON O LOCOLOGO ANOLINO OPOLOGO O GDDR5 O GDDR5X O GDDR6 O GDDR6X O HBM O HBM2 O HBM2E $\Delta \Delta$ ○ НВМ3 Memory Size (GB) O HT O LPDDR4 O LPDDR4X 0.1 LPDDR4x A CA CIDERA CHIERD MARROO O A A O LPDDR5 O SDR OA CADACIDA CIADA CO 0 0 SGRAM 0 000 XDR 0.01 Vendor 0 4 40004 4 4 6 O AMD 00 4 Intel ▲ NVIDIA 0 0 0.001 O O A O 0 0.0001 0.00001 1998 2004 2010 1986 1988 1990 1992 1994 1996 2000 2002 2006 2008 2012 2014 2016 2018 2020 2022 2024 Launch