

Primzahl-Rekorde

(die jeweils größte bekannte Primzahl im angegebenen Jahr)

Primzahl	Ziffern (dezimal)	im Jahr	Entdecker
$2^{17} - 1$	6	1588	Cataldi
$2^{19} - 1$	6	1588	Cataldi
$2^{31} - 1$	10	1772	Euler
$(2^{59} - 1) : 179.951$	13	1867	Landry
$2^{127} - 1$	39	1876	Lucas
$(2^{148} - 1) : 17$	44	1951	Ferrier
$180 \cdot (2^{127} - 1)^2 + 1$	79	1951	Miller+Wheeler + EDSAC 1
$2^{521} - 1$	157	1952	Lehmer+Robinson + SWAC
$2^{607} - 1$	183	1952	Lehmer+Robinson + SWAC
$2^{1.279} - 1$	386	1952	Lehmer+Robinson + SWAC
$2^{2.203} - 1$	664	1952	Lehmer+Robinson + SWAC
$2^{2.281} - 1$	687	1952	Lehmer+Robinson + SWAC
$2^{3.217} - 1$	969	1957	Riesel + BESK
$2^{4.253} - 1$	1.281	1961	Hurwitz+Selfridge + IBM 7090
$2^{4.423} - 1$	1.332	1961	Hurwitz+Selfridge + IBM 7090
$2^{9.689} - 1$	2.917	1963	Gillies + ILIAC 2
$2^{9.941} - 1$	2.993	1963	Gillies + ILIAC 2
$2^{11.213} - 1$	3.376	1963	Gillies + ILIAC 2
$2^{19.937} - 1$	6.002	1971	Tuckerman + IBM 360/91
$2^{21.701} - 1$	6.533	1978	Nickel+Noll + CDC CYBER 174
$2^{23.209} - 1$	6.987	1978	Noll + CDC CYBER 174
$2^{44.497} - 1$	13.395	1979	Nelson+Slowinski + CRAY I
$2^{86.423} - 1$	26.016	1984	Slowinski + CRAY I
$2^{216.091} - 1$	65.050	1985	Slowinski + CRAY XMP
$391581 \cdot 2^{216.193} - 1$	65.086	1989	Amdahl Six + AMDAHL 1200
$2^{756.839} - 1$	227.832	1992	Slowinski+Gage + CRAY II
$2^{859.433} - 1$	258.716	1994	Slowinski+Gage + CRAY C90
$2^{1.257.787} - 1$	378.632	1996	Slowinski+Gage + CRAY T94
$2^{1.398.269} - 1$	420.921	1996	Armengaud+Woltman et al.+ GIMPS
$2^{2.976.221} - 1$	895.932	1997	Spence + Woltman et al.+ GIMPS
$2^{3.021.377} - 1$	909.526	1998	Clarkson + Woltman et al.+ GIMPS
$2^{6.972.593} - 1$	2.098.960	1999	Hajratwala ,Kurowski,Woltman et al.
$2^{13.466.917} - 1$	4.053.946	2001	Cameron, Woltman, Kurowski et al.
$2^{20.996.011} - 1$	6.320.430	2003	Michael Shafer, GIMPS
$2^{24.036.583} - 1$	7.235.733	2004	Josh Findley, GIMPS
$2^{25.964.951} - 1$	7.816.230	2005	Dr. Martin Nowak, GIMPS
$2^{30.402.457} - 1$	9.152.052	2005	Dr. Curtis Cooper , Dr. Steven Boone, GIMPS
$2^{32.582.657} - 1$	9.808.358	2006	Cooper, Boone, Woltman, Kurowski, et al
$2^{37.156.667} - 1$	11.185.272	2008	Elvenich, Woltman, Kurowski et al. (GIMPS)
$2^{43.112.609} - 1$	12.978.189	2008	Smith, Woltman, Kurowski et al. (GIMPS)

GIMPS = Great Internet Mersenne Prime Search