

Intel Desktop CPU (2005-2007)

Brand	Pentium 4 Extreme Edition		Pentium Extreme Edition		Core 2 Extreme	
Processor #			840	955	X6800	QX6700
Codename	Northwood (Gallatin)	Prescott 2M	Smithfield	Presler	Conroe XE	Kentsfield
Micro-architecture	NetBurst				Core MA	
# of Core	Single Core		Dual Core		Dual Core	Quad Core
# of Thread	2		4		2	4
Hyper-Threading	Hyper-Threading				N/A	
Intel 64	N/A	Intel 64			Intel 64	
VT	N/A			VT	VT	
EIST(SpeedStep)	N/A	N/A			EIST	
XD Bit	N/A	XD Bit				
Cache	2MB L3	2MB L2	1MBx2=2MB L2	2MBx2=4MB L2	4MB L2	4MBx2=8MB L2
FSB	FSB800	FSB1067		FSB800	FSB1067	FSB1067
Package	LGA775					
Process Technology	130nm		90nm		65nm	
# of Die	1		1(2core&2FSB)	2	1	2

Brand	Pentium D				Core 2 Duo			Core 2 Quad
Processor #	8xx	830/840	9x5	9x0	E4xxx	E6300/6400	E6600 ~	Q6600
Codename	Smithfield		Presler			Conroe		Kentsfield
Micro-architecture	NetBurst				Core MA			
# of Core	Dual Core				Dual Core			Quad Core
# of Thread	2				2			4
Hyper-Threading	N/A				N/A			
Intel 64	Intel 64				Intel 64			
VT	N/A		VT	N/A	VT			
EIST(SpeedStep)	N/A	EIST(SpeedStep)			EIST			
XD Bit	XD Bit				XD Bit			
Cache	1MBx2=2MB L2		2MBx2=4MB L2		2MB L2	2MB L2	4MB L2	4MBx2=8MB L2
FSB	FSB800				FSB800	FSB1066		
Package	LGA775				LGA775			
Process Technology	90nm		65nm		65nm			
# of Die	1(2core&2FSB)		2		1			2

Brand	Pentium 4					Pentium ?	
Processor #	524	5xx	5x1	6x0	6x2	6x1	E10xx
Codename	Prescott			Prescott 2M		Cedar Mill	Conroe-L
Micro-architecture	NetBurst					Core MA	
# of Core	Single Core					Single Core	
# of Thread	2					1	
Hyper-Threading	Hyper-Threading					N/A	
Intel 64	Intel 64	N/A	Intel 64			Intel 64	
VT	N/A			VT	N/A	N/A	
EIST(SpeedStep)	N/A			EIST(SpeedStep)			N/A
XD Bit	N/A	N/A	XD Bit				XD Bit
Cache	1MB L2			2MB L2			1MB L2
FSB	FSB533	FSB800				FSB800	
Package	LGA775					LGA775	
Process Technology	90nm				65nm	65nm	
# of Die	1					1	

Brand	Celeron D				Celeron ?
Processor #	3xx	3xxJ	3x1/3x6	3x2/3x11/36x	4xx
Codename	Prescott-V			Cedar Mill	Conroe-L
Micro-architecture	NetBurst				Core MA
# of Core	Single Core				Single Core
# of Thread	1				1
Hyper-Threading	N/A				N/A
Intel 64	N/A	Intel 64			Intel 64
VT	N/A				N/A
EIST(SpeedStep)	N/A				N/A
XD Bit	N/A	XD Bit			XD Bit?
Cache	256KB L2			512KB L2	512KB
FSB	FSB533				FSB533?
Package	mPGA478	LGA775			LGA775
Process Technology	90nm			65nm	65nm
# of Die	1				1