

Intel Desktop CPU (2005-2006+)

Brand	Pentium 4 Extreme Edition			Pentium Extreme Edition		?	?
Processor #				840	955	xxx?	xxx?
Codename	Northwood (Gallatin)		Prescott 2M	Smithfield	Presler	Conroe	?
Micro-architecture	NetBurst					Conroe / Merom	
# of Core	Single Core			Dual Core			Quad Core
# of Thread	2			4		2	4
Hyper-Threading	Hyper-Threading					N/A	
EM64T	N/A		EM64T				
VT	N/A				VT?	VT(VT2?)	
EIST(SpeedStep)	N/A		N/A			?	?
XD Bit	N/A		XD Bit				
Cache	2MB L3		2MB L2	1MBx2=2MB L2	2MBx2=4MB L2	4MB L2	?MB L2
FSB	FSB800	FSB1067		FSB800	FSB1067	FSB1067?	?
Package	LGA775						LGA775?
Process Technology	130nm		90nm		65nm		
# of Die	1			1(2core&2FSB)	2	1	?

Brand	Pentium D		Intel Core xx?	
Processor #	8xx	9xx	xxxx?	
Codename	Smithfield	Presler	Conroe	
Micro-architecture	NetBurst		Conroe / Merom	
# of Core	Dual Core			
# of Thread	2		2	
Hyper-Threading	N/A		N/A	
EM64T	EM64T			
VT	N/A	VT	VT(VT2?)	
EIST(SpeedStep)	N/A	EIST(SpeedStep)	EIST	
XD Bit	XD Bit		XD Bit	
Cache	1MBx2=2MB L2	2MBx2=4MB L2	2MB L2	4MB L2
FSB	FSB800		FSB800/1067?	
Package	LGA775		LGA775	
Process Technology	90nm	65nm		
# of Die	1(2core&2FSB)	2	1	

Brand	Pentium 4				
Processor #	5xx	5x1	6x0	6x2	6x1
Codename	Prescott		Prescott 2M		Cedar Mill
Micro-architecture	NetBurst				
# of Core	Single Core				
# of Thread	2				
Hyper-Threading	Hyper-Threading				
EM64T	N/A	EM64T			
VT	N/A			VT	N/A
EIST(SpeedStep)	N/A		EIST(SpeedStep)		
XD Bit	N/A	XD Bit			
Cache	1MB L2		2MB L2		
FSB	FSB800				
Package	LGA775				
Process Technology	90nm				65nm
# of Die	1				

Brand	Celeron D			
Processor #	3xx	3xxJ	3x1/3x6	3x2/3x1//3x6
Codename	Prescott-V			Cedar Mill
Micro-architecture	NetBurst			
# of Core	Single Core			
# of Thread	1			
Hyper-Threading	N/A			
EM64T	N/A		EM64T	
VT	N/A			
EIST(SpeedStep)	N/A			
XD Bit	N/A	XD Bit		
Cache	256KB L2			512KB L2
FSB	FSB533			
Package	mPGA478	LGA775		
Process Technology	90nm			65nm
# of Die	1			