



Application Note

NVIDIA nForce4 SLI Intel Edition CPU Support List

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PLATFORM PROCESSORS

Document Change History

Version	Date	Responsible	Reason for Change
01	03/03/05	JML	Initial Release
02	03/18/05	NS	Update list of supported processors.
03	04/26/05	NS	Update list of supported processors.
04	04/28/05	JML	Added support for Dual Core 840 Ee edition Removed support for Dual Core 820
05	08/12/05	JML	Added support for 6XX single core
06	01/09/06		

CPU Support List

Proposed Solutions

The following processors have been tested in the NVIDIA lab with NVIDIA nForce™4 SLI Intel Edition processors. All the CPUs listed are fully supported by NVIDIA.

Table 1. Supported CPU List

Family	Technology	CPU Number	FSB (Mhz)	Core (Ghz)	Cache	NVIDIA nForce4 SLI	NVIDIA nForce4 SLI X16 nForce4 SLI XE nForce4 Ultra
Presler	65nm	955XE	1066	3.46	2x2 MB	No	Yes
	65nm	950	800	3.4	2x2 MB	No	Yes
	65nm	940	800	3.2	2x2 MB	No	Yes
	65nm	930	800	3	2x2 MB	No	Yes
	65nm	920	800	2.8	2x2 MB	No	Yes
Smithfield	90nm	840XE	800	3.2	2x1 MB	Yes	Yes
	90nm	840	800	3.2	2x1 MB	Yes	Yes
	90nm	830	800	3	2x1 MB	Yes	Yes
	90nm	820	800	2.8	2x1 MB	No	Yes
Cedarmill	65nm	671	800	3.8	2 MB	No	Yes
	65nm	661	800	3.6	2 MB	No	Yes
	65nm	651	800	3.4	2 MB	No	Yes
	65nm	641	800	3.2	2 MB	No	Yes
	65nm	631	800	3	2 MB	No	Yes
Prescott	90nm	3.73EE	1066	3.73	2 MB	Yes	Yes
Prescott	90nm	3.46EE	1066	3.46	2 MB	Yes	Yes
Irwindale	90nm	672	800	3.8	2 MB	Yes	Yes
	90nm	670	800	3.8	2 MB	Yes	Yes
	90nm	662	800	3.6	2 MB	Yes	Yes
	90nm	660	800	3.6	2 MB	Yes	Yes
	90nm	650	800	3.4	2 MB	Yes	Yes
	90nm	640	800	3.2	2 MB	Yes	Yes
	90nm	630	800	3	2 MB	Yes	Yes
Prescott	90nm	571	800	3.8	1 MB	Yes	Yes
	90nm	570J	800	3.8	1 MB	Yes	Yes
	90nm	561	800	3.6	1 MB	Yes	Yes
	90nm	560J	800	3.6	1 MB	Yes	Yes

Family	Technology	CPU Number	FSB (Mhz)	Core (Ghz)	Cache	NVIDIA nForce4 SLI	NVIDIA nForce4 SLI X16 nForce4 SLI XE nForce4 Ultra
	90nm	560	800	3.6	1 MB	Yes	Yes
	90nm	551	800	3.4	1 MB	Yes	Yes
	90nm	550J	800	3.4	1 MB	Yes	Yes
	90nm	550	800	3.4	1 MB	Yes	Yes
	90nm	541	800	3.2	1 MB	Yes	Yes
	90nm	540J	800	3.2	1 MB	Yes	Yes
	90nm	540	800	3.2	1 MB	Yes	Yes
	90nm	531	800	3	1 MB	Yes	Yes
	90nm	530J	800	3	1 MB	Yes	Yes
	90nm	530	800	3	1 MB	Yes	Yes
	90nm	521	800	2.8	1 MB	Yes	Yes
	90nm	520J	800	2.8	1 MB	Yes	Yes
	90nm	520	800	2.8	1 MB	Yes	Yes
	90nm	506	533	2.66	1 MB	Yes	Yes
	90nm	505J	533	2.66	1 MB	Yes	Yes
	90nm	505	533	2.66	1 MB	Yes	Yes
Prescott	90nm	355	533	3.33	256 KB	Yes	Yes
	90nm	351	533	3.2	256 KB	Yes	Yes
	90nm	350	533	3.2	256 KB	Yes	Yes
	90nm	346	533	3.06	256 KB	Yes	Yes
	90nm	345J	533	3.06	256 KB	Yes	Yes
	90nm	345	533	3.06	256 KB	Yes	Yes
	90nm	341	533	2.93	256 KB	Yes	Yes
	90nm	340J	533	2.93	256 KB	Yes	Yes
	90nm	340	533	2.93	256 KB	Yes	Yes
	90nm	336	533	2.8	256 KB	Yes	Yes
	90nm	335J	533	2.8	256KB	Yes	Yes
	90nm	335	533	2.8	256KB	Yes	Yes
	90nm	331	533	2.66	256 KB	Yes	Yes
	90nm	330J	533	2.66	256 KB	Yes	Yes
	90nm	330	533	2.66	256 KB	Yes	Yes
	90nm	326	533	2.53	256 KB	Yes	Yes
	90nm	325J	533	2.53	256 KB	Yes	Yes
	90nm	325	533	2.53	256 KB	Yes	Yes
	90nm	320	533	2.4	256 KB	Yes	Yes
	90nm	315	533	2.26	256 KB	Yes	Yes
	90nm	310	533	2.13	256 KB	Yes	Yes

For more information on boxed processors, go to:

<http://www.intel.com/buy/desktop/boxed-processor/all.htm>



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