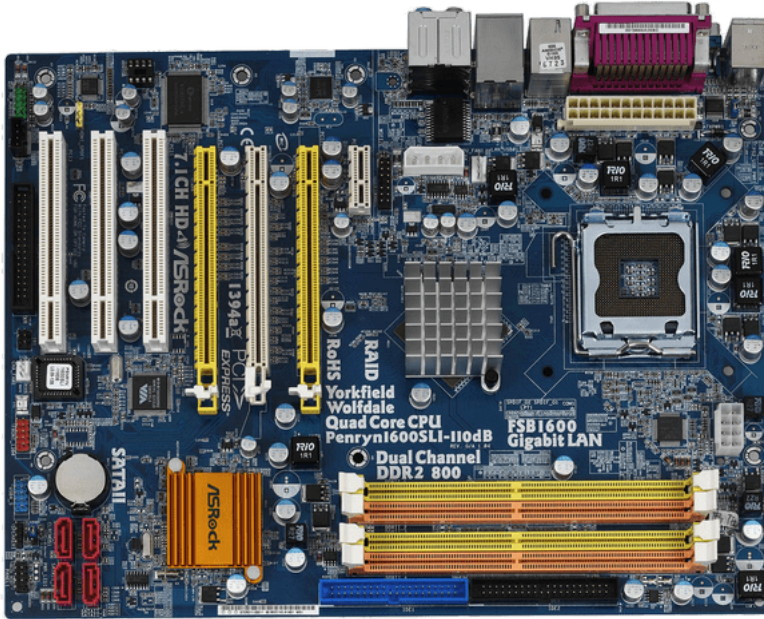




# Penryn1600SLI-110dE



## Awards



- LGA 775 for Intel® Core™ 2 Extreme / Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual Core / Celeron, supporting Penryn Quad Core Yorkfield and Dual Core Wolfdale processors
- NVIDIA® 650i SLI + NVIDIA® nForce 430 Chipsets
- All Solid Capacitor design (100% Japan made high quality ceramic polymer capacitors)
- Compatible with FSB 1600/1333 MHz CPUs
- Supports Dual Channel DDR2 800/667/533 x 4 DIMM slots, capacity up to 8GB
- Supports NVIDIA® SLI™
- 3 x PCI Express x16 slots (white @ x16 mode, yellow @ x8 mode)
- Supports Gigabit LAN 10/100/1000 Mb/s
- Supports 2 x IEEE 1394 ports (one port on back panel, one on board)
- 4 x SATA2 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, JBOD and RAID 5) and NCQ functions
- 1 x WiFi/E header
- 7.1 CH Windows® Vista™ Premium Level HD Audio with Crystal Sound Protection, supports DAC with 110dB dynamic range (ALC883 Codec)
- ASRock OC Tuner
- Windows® Vista™ Premium 2008 Logo Ready
- Free Bundle: ASRock SLI Bridge
- ASRock WiFi\_SPDIF I/O Plus : 1 x Coaxial SPDIF Out Port, 1 x Optical SPDIF Out Port, 1 x RJ-45 LAN Port with LED, 1 x I/O Port

This model may not be sold worldwide. Please contact your local dealer for availability of this model in your region.

Specification

Support

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CPU Support List

## CPU Support List

\*FSB1600-CPU will operate in overclocking mode.

Socket	Family	Number	Core	Frequency	FSB	Cache	Power	Validate
775*	Core 2 Extreme	QX9770	Yorkfield	3.2GHz	1600MHz	12MB		P1

Socket	Family	Number	Core	Frequency	FSB	Cache	Power	Validate
775	Core 2 Extreme	QX9650(C1)	Yorkfield	3.0GHz	1333MHz	12MB		P1
775	Core 2 Extreme	QX9650(C0)	Yorkfield	3.0GHz	1333MHz	12MB		P1
775	Core 2 Extreme	QX6850(G0)	Kentsfield	3.00GHz	1333MHz	8MB		P1
775	Core 2 Extreme	QX6800(G0)	Kentsfield	2.93GHz	1066MHz	8MB		A
775	Core 2 Extreme	QX6700(B3)	Kentsfield	2.66GHz	1066MHz	8MB		A
775	Core 2 Extreme	X6800	Conroe XE	2.93GHz	1066MHz	4MB		A
775	Core 2 Quad	Q9650(E0)	Yorkfield	3.0GHz	1333MHz	12MB		P1
775	Core 2 Quad	Q9550(C1)	Yorkfield	2.83GHz	1333MHz	12MB		P1
775	Core 2 Quad	Q9550(E0)	Yorkfield	2.83GHz	1333MHz	12MB		P1
775	Core 2 Quad	Q9550(C0)	Yorkfield	2.83GHz	1333MHz	12MB		P1
775	Core 2 Quad	Q9450(C1)	Yorkfield	2.66GHz	1333MHz	12MB		P1
775	Core 2 Quad	Q9450(C0)	Yorkfield	2.66GHz	1333MHz	12MB		P1
775	Core 2 Quad	Q9400(R0)	Yorkfield	2.66GHz	1333MHz	6MB		P1
775	Core 2 Quad	Q9300(M1)	Yorkfield	2.50GHz	1333MHz	6MB		P1
775	Core 2 Quad	Q9300(M0)	Yorkfield	2.5GHz	1333MHz	6MB		P1
775	Core 2 Quad	Q8300(R0)	Yorkfield	2.50GHz	1333MHz	4MB		P1
775	Core 2 Quad	Q8200(R0)	Yorkfield	2.33GHz	1333MHz	4MB		P1
775	Core 2 Quad	Q8200(M1)	Yorkfield	2.33GHz	1333MHz	4MB		P1
775	Core 2 Quad	Q6700(G0)	Kentsfield	2.66GHz	1066MHz	8MB		A
775	Core 2 Quad	Q6600(G0)	Kentsfield	2.4GHz	1066MHz	8MB		A
775	Core 2 Quad	Q6600(B3)	Kentsfield	2.40GHz	1066MHz	8MB		A
775	Core 2 Quad	Q6400(B3)	Kentsfield	2.13GHz	1066MHz	8MB		A
775	Core 2 Duo	E8600(E0)	Wolfdale	3.33GHz	1333MHz	6MB		P1
775	Core 2 Duo	E8500(C0)	Wolfdale	3.16GHz	1333MHz	6MB		A
775	Core 2 Duo	E8500(E0)	Wolfdale	3.16GHz	1333MHz	6MB		P1
775	Core 2 Duo	E8400(C0)	Wolfdale	3.0GHz	1333MHz	6MB		A
775	Core 2 Duo	E8400(E0)	Wolfdale	3.0GHz	1333MHz	6MB		P1
775	Core 2 Duo	E8300(C0)	Wolfdale	2.83GHz	1333MHz	6MB		P1
775	Core 2 Duo	E8200(C0)	Wolfdale	2.66GHz	1333MHz	6MB		A
775	Core 2 Duo	E8190(C0)	Wolfdale	2.66GHz	1333MHz	6MB		A
775	Core 2 Duo	E7500(R0)	Wolfdale	2.93GHz	1066MHz	3MB		P1
775	Core 2 Duo	E7400(R0)	Wolfdale	2.80GHz	1066MHz	3MB		P1
775	Core 2 Duo	E7300(M0)	Wolfdale	2.66GHz	1066MHz	3MB		P1
775	Core 2 Duo	E7200(M0)	Wolfdale	2.53GHz	1066MHz	3MB		P1
775	Core 2 Duo	E6850(G0)	Conroe	3.00GHz	1333MHz	4MB		A
775	Core 2 Duo	E6850	Conroe	3.00GHz	1333MHz	4MB		A
775	Core 2 Duo	E6750	Conroe	2.66GHz	1333MHz	4MB		A
775	Core 2 Duo	E6750(G0)	Conroe	2.66GHz	1333MHz	4MB		A
775	Core 2 Duo	E6700	Conroe	2.66GHz	1066MHz	4MB		A
775	Core 2 Duo	E6600	Conroe	2.40GHz	1066MHz	4MB		A
775	Core 2 Duo	E6550	Conroe	2.33GHz	1333MHz	4MB		A
775	Core 2 Duo	E6540(G0)	Conroe	2.33GHz	1333MHz	4MB		A
775	Core 2 Duo	E6420	Conroe	2.13GHz	1066MHz	4MB		A
775	Core 2 Duo	E6400(L2)	Conroe	2.13GHz	1066MHz	2MB		A
775	Core 2 Duo	E6400	Conroe	2.13GHz	1066MHz	2MB		A
775	Core 2 Duo	E6320	Conroe	1.86GHz	1066MHz	4MB		A
775	Core 2 Duo	E6300(L2)	Conroe	1.86GHz	1066MHz	2MB		A
775	Core 2 Duo	E6300	Conroe	1.86GHz	1066MHz	2MB		A
775	Core 2 Duo	E4700	Conroe	2.6GHz	800MHz	2MB		A
775	Core 2 Duo	E4600(M0)	Conroe	2.4GHz	800MHz	2MB		P1
775	Core 2 Duo	E4600	Conroe	2.4GHz	800MHz	2MB		A
775	Core 2 Duo	E4500(M0)	Conroe	2.20GHz	800MHz	2MB		A
775	Core 2 Duo	E4400(M0)	Conroe	2.0GHz	800MHz	2MB		P1
775	Core 2 Duo	E4400(L2)	Conroe	2.00GHz	800MHz	2MB		A
775	Core 2 Duo	E4300(L2)	Conroe	1.80GHz	800MHz	2MB		A
775	Pentium Dual Core	E5400(R0)	Wolfdale	2.70GHz	800MHz	2MB		P1
775	Pentium Dual Core	E5300(R0)	Wolfdale	2.60GHz	800MHz	2MB		P1
775	Pentium Dual Core	E5200(M0)	Wolfdale	2.50GHz	800MHz	2MB		A
775	Pentium Dual Core	E2220(M0)	Conroe 1M	2.40GHz	800MHz	1MB		A
775	Pentium Dual Core	E2200(M0)	Conroe 1M	2.20GHz	800MHz	1MB		A
775	Pentium Dual Core	E2180(M0)	Conroe 1M	2.0GHz	800MHz	1MB		A
775	Pentium Dual Core	E2160	Conroe 1M	1.80GHz	800MHz	1MB		A
775	Pentium Dual Core	E2140	Conroe 1M	1.60GHz	800MHz	1MB		A



Socket	Family	Number	Core	Frequency	FSB	Cache	Power	Validate
775	Pentium Extreme	965	Presler	3.73GHz	1066MHz	4MB		A
775	Pentium Extreme	955	Presler	3.46GHz	1066MHz	4MB		A
775	Pentium Extreme	840EE(B0)	Smithfield	3.20GHz	800MHz	2MB		A
775	Pentium Extreme	840EE	Smithfield	3.20GHz	800MHz	2MB		A
775	Pentium D	960(D0)	Presler	3.60GHz	800MHz	4MB		A
775	Pentium D	960(C1)	Presler	3.60GHz	800MHz	4MB		A
775	Pentium D	950(C1)	Presler	3.40GHz	800MHz	4MB		A
775	Pentium D	950	Presler	3.40GHz	800MHz	4MB		A
775	Pentium D	945(D0)	Presler	3.40GHz	800MHz	4MB		A
775	Pentium D	945	Presler	3.40GHz	800MHz	4MB		A
775	Pentium D	940(C1)	Presler	3.20GHz	800MHz	4MB		A
775	Pentium D	940	Presler	3.20GHz	800MHz	4MB		A
775	Pentium D	935(D0)	Presler	3.20GHz	800MHz	4MB		A
775	Pentium D	930(C1)	Presler	3.00GHz	800MHz	4MB		A
775	Pentium D	930	Presler	3.00GHz	800MHz	4MB		A
775	Pentium D	925	Presler	3.00GHz	800MHz	4MB		A
775	Pentium D	920	Presler	2.80GHz	800MHz	4MB		A
775	Pentium D	915	Presler	2.80GHz	800MHz	4MB		A
775	Pentium D	840	Smithfield	3.20GHz	800MHz	2MB		A
775	Pentium D	830(B0)	Smithfield	3.00GHz	800MHz	2MB		A
775	Pentium D	830	Smithfield	3.00GHz	800MHz	2MB		A
775	Pentium D	820	Smithfield	2.80GHz	800MHz	2MB		A
775	Pentium 4	EE	Prescott	3.73GHz	1066MHz	2MB		A
775	Pentium 4	672	Prescott	3.80GHz	800MHz	2MB		A
775	Pentium 4	670	Prescott	3.80GHz	800MHz	2MB		A
775	Pentium 4	662	Prescott	3.60GHz	800MHz	2MB		A
775	Pentium 4	661(C1)	Cedar Mill	3.60GHz	800MHz	2MB		A
775	Pentium 4	661(D0)	Cedar Mill	3.60GHz	800MHz	2MB		A
775	Pentium 4	661	Cedar Mill	3.60GHz	800MHz	2MB		A
775	Pentium 4	660	Prescott	3.60GHz	800MHz	2MB		A
775	Pentium 4	651(D0)	Cedar Mill	3.40GHz	800MHz	2MB		A
775	Pentium 4	651(C1)	Cedar Mill	3.40GHz	800MHz	2MB		A
775	Pentium 4	651	Cedar Mill	3.40GHz	800MHz	2MB		A
775	Pentium 4	650	Prescott	3.40GHz	800MHz	2MB		A
775	Pentium 4	641(D0)	Cedar Mill	3.20GHz	800MHz	2MB		A
775	Pentium 4	641	Cedar Mill	3.20GHz	800MHz	2MB		A
775	Pentium 4	640	Prescott	3.20GHz	800MHz	2MB		A
775	Pentium 4	631(D0)	Cedar Mill	3.00GHz	800MHz	2MB		A
775	Pentium 4	631	Cedar Mill	3.00GHz	800MHz	2MB		A
775	Pentium 4	630	Prescott	3.00GHz	800MHz	2MB		A
775	Pentium 4	571	Prescott	3.80GHz	800MHz	1MB		A
775	Pentium 4	570J	Prescott	3.80GHz	800MHz	1MB		A
775	Pentium 4	561	Prescott	3.60GHz	800MHz	1MB		A
775	Pentium 4	560J	Prescott	3.60GHz	800MHz	1MB		A
775	Pentium 4	560	Prescott	3.60GHz	800MHz	1MB		A
775	Pentium 4	551(G1)	Prescott	3.40GHz	800MHz	1MB		A
775	Pentium 4	551	Prescott	3.40GHz	800MHz	1MB		A
775	Pentium 4	550J	Prescott	3.40GHz	800MHz	1MB		A
775	Pentium 4	550	Prescott	3.40GHz	800MHz	1MB		A
775	Pentium 4	541	Prescott	3.20GHz	800MHz	1MB		A
775	Pentium 4	540J	Prescott	3.20GHz	800MHz	1MB		A
775	Pentium 4	540	Prescott	3.20GHz	800MHz	1MB		A
775	Pentium 4	531	Prescott	3.00GHz	800MHz	1MB		A
775	Pentium 4	530J	Prescott	3.00GHz	800MHz	1MB		A
775	Pentium 4	530	Prescott	3.00GHz	800MHz	1MB		A
775	Pentium 4	521	Prescott	2.80GHz	800MHz	1MB		A
775	Pentium 4	520J	Prescott	2.80GHz	800MHz	1MB		A
775	Pentium 4	520	Prescott	2.80GHz	800MHz	1MB		A
775	Celeron Dual Core	E1600	Conroe	2.4GHz	800MHz	512KB		A
775	Celeron Dual Core	E1500	Conroe	2.2GHz	800MHz	512KB		A
775	Celeron Dual Core	E1400	Conroe	2.0GHz	800MHz	512KB		A
775	Celeron Dual Core	E1300	Conroe	1.8GHz	800MHz	512KB		A
775	Celeron Dual Core	E1200	Conroe	1.6GHz	800MHz	512KB		A



Socket	Family	Number	Core	Frequency	FSB	Cache	Power	Validate
775	Celeron	460	Conroe-L	2.40GHz	800MHz	512KB		A
775	Celeron	450(A1)	Conroe-L	2.20GHz	800MHz	512KB		A
775	Celeron	440	Conroe-L	2.00GHz	800MHz	512KB		A
775	Celeron	430	Conroe-L	1.80GHz	800MHz	512KB		A
775	Celeron	420	Conroe-L	1.60GHz	800MHz	512KB		A

If you need to update BIOS, please click [here](#).

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The above user interface picture is a sample for reference. The actual user interface may vary with the updated software version.



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