Intel Desktop Boards November Spec

								CPU																																	Software					
Series	Product Sku	MM#	Form Factor	Chipset	ICH	Intel® Core™ i7 (FCPA-1366)	Lynnfield (LGA1156)	Intel® Core™2 Quad	Intel® Core™2 Extreme	Intel® Core™2 Duo (1333 FSB)	Intel® Core™2 Duo (1066 FSB)	Intel® Pentium® Extreme Edition	Intel® Pentium® 4 Extreme Edition	Intel® Pentium® D	Intel® Pentium® Dual-Core Processor	Intel® Pentium® 4	Intel® Celeron® 400 Series	Intel® Celeron® D	Microsoft Vista* WHQL	FSB (MHz)	Memory DDR2 (unless other-wise stated)	Graphics	Gfx Port	LAN	PCIe x16	PCIe x1	PCI	PATA	SATA	eSATA	DIMM	RAID	Audio	USB 2.0 (Back+Front)	1394a	Fan Control	Viiv	vPRO	AMT	TPM	Intel Desktop Control Center	Intel Desktop Utilities (IDU)	Intel Integrator Toolkit (ITK)	Intel Integrator Assistant (IIA)	Dolby Control Center (DCC)	Intel Audio Studio (IAS)
Extreme	BOXD5400XS	892390	EATX	5400					X1										Premium	1600	800, (notes2)	Quad PCIe x16	-	GbE	4	-	2	-	6	2	4	0,1,5,10 & Matrix	10-ch	6 + 4	Yes	Heceta	-	-	-	-	-	-	-	-	Yes	-
Extreme	BOXDX58SO	899068	ATX	X58	ICH10R	X													Premium	QPI	DDR3- 1600+	Triple PCIe 2.0 x16 (x16x16,x4)	-	GbE	3	1	1	0	6	2	4	0,1,5,10 & Matrix	10-ch	8+4	Yes	Heceta		-	-	-	4	-	Yes	1.0.2	Yes	-
Extreme	BLKDX58SO	899069	ATX	X58	ICH10R	X													Premium	QPI	DDR3- 1600+	Triple PCIe 2.0 x16 (x16x16,x4)	-	GbE	3	1	1	0	6	2	4	0,1,5,10 & Matrix	10-ch	8+4	Yes	Heceta		-	-	-	4	-	Yes	1.0.2	Yes	-
Extreme	BOXDP55KG	901527	ATX	P55			X												Premium	QPI	DDR3-1600+	PCIe 2.0 x16 or Dual x8	-	GbE	1	2	2	0	8	2	4	0,1,5,10 & Matrix	10-ch	8+1+4	Yes	Heceta					X		Yes		Yes	
Extreme	BLKDP55KG	901528	ATX	P55			X												Premium	QPI	DDR3-1600+	PCIe 2.0 x16 or Dual x8	-	GbE	1	2	2	0	8	2	4	0,1,5,10 & Matrix	10-ch	8+1+4	Yes	Heceta					X		Yes		Yes	
Extreme	BOXDP55SB	901531	uATX	P55			X												Premium	QPI	DDR3-1600+	PCIe 2.0 x16 or Dual x8	-	GbE	1	2	0	0	6	1	4	0,1,5,10 & Matrix	10-ch	8+1+4	Yes	Heceta					X		Yes		Yes	
Extreme	BLKDP55SB	901532	uATX	P55			X												Premium	QPI	DDR3-1600+	PCIe 2.0 x16 or Dual x8	-	GbE	1	2	0	0	6	1	4	0,1,5,10 & Matrix	10-ch	8+1+4	Yes	Heceta					X		Yes		Yes	
Extreme	BOXDP45SG	895882	ATX	P45	ICH10R			X	X	X	X	X			X				Premium	1333	DDR3-1333	Dual PCIe x16 (x8, x8)	-	GbE	2	2	3	-	5	1	4	0,1,5,10 & Matrix	10-ch	6 + 6	Yes	Heceta	-	-	-	-	-	TBD	Yes	1.1	Yes	-
Extreme	BLKDP45SG	895883	ATX	P45	ICH10R			X	X	X	X	X			X				Premium	1333	DDR3-1333	Dual PCIe x16 (x8, x8)	-	GbE	2	2	3	-	5	1	4	0,1,5,10 & Matrix	10-ch	6 + 6	Yes	Heceta	-	-	-	-	-	TBD	Yes	1.1	Yes	-
Media	BOXDP55WG	901533	ATX	P55			X												Premium	QPI	DDR3-1600+	PCIe 2.0 x16 or Dual x8	-	GbE	1	2	2	0	6	0	4	0,1,5,10 & Matrix	10-ch	8+6	Yes	Heceta					-	Yes	Yes		Yes	
Media	BLKDP55WG	901535	ATX	P55			X												Premium	QPI	DDR3-1600+	PCIe 2.0 x16 or Dual x8	-	GbE	1	2	2	0	6	0	4	0,1,5,10 & Matrix	10-ch	8+6	Yes	Heceta					-	Yes	Yes		Yes	
Media	BOXDP55WB	902435	uATX	P55			X												Premium	QPI	DDR3-1333	PCIe 2.0 x16	-	GbE	1	2	1	0	6	0	4	0,1,5,10 & Matrix	8-ch	8+6	Yes	Heceta					-	Yes	Yes		-	
Media	BLKDP55WB	902436	uATX	P55			X												Premium	QPI	DDR3-1333	PCIe 2.0 x16	-	GbE	1	2	1	0	6	0	4	0,1,5,10 & Matrix	8-ch	8+6	Yes	Heceta					-	Yes	Yes		-	
Media	BOXDG45FC	895896	mini-ITX	G45	ICH10R			X - only 65W		X	X				X		X		Premium	1333	800	Intel® X4500HD; no PCIe x16	DVI-I + HDMI	GbE	-	1	-	-	4	1	2	0,1,5,10 & Matrix	8-ch	6 + 4	-	QST	Yes	-	-	-	-	TBD	Yes	1.1	Yes	-
Media	BLKDG45FC	895900	mini-ITX	G45	ICH10R			X - only 65W		X	X				X		X		Premium	1333	800	Intel® X4500HD; no PCIe x16	DVI-I + HDMI	GbE	-	1	-	-	4	1	2	0,1,5,10 & Matrix	8-ch	6 + 4	-	QST	Yes	-	-	-	-	TBD	Yes	1.1	Yes	-
Media	BOXDG45ID	895987	uATX	G45	ICH10R			X		X	X				X		X		Premium	1333	800	Intel® X4500HD	DVI-I + HDMI	GbE	1	2	1	-	5	1	4	0,1,5,10 & Matrix	8-ch	6 + 6	Yes	QST	Yes	-	-	-	-	TBD	Yes	1.1	Yes	-
Media	BLKDG45ID	895894	uATX	G45	ICH10R			X		X	X				X		X		Premium	1333	800	Intel® X4500HD	DVI-I + HDMI	GbE	1	2	1	-	5	1	4	0,1,5,10 & Matrix	8-ch	6 + 6	Yes	QST	Yes	-	-	-	-	TBD	Yes	1.1	Yes	-
Executive	BOXDQ45EK	896116	mini-ITX	Q45	ICH10DO			X - only 65W		X	X				X		X		Premium	1333	800	Intel® 4500; no PCIe x16	DVI-I + DVI-D	GbE	-	1	-	-	4	1	2	0,1,5,10 & Matrix	6-ch	6 + 4	-	QST	-	Yes	Yes	iTPM 1.2	-	TBD	Yes	1.1	-	-
Executive	BLKDQ45EK	896133	mini-ITX	Q45	ICH10DO			X - only 65W		X	X				X		X		Premium	1333	800	Intel® 4500; no PCIe x16	DVI-I + DVI-D	GbE	-	1	-	-	4	1	2	0,1,5,10 & Matrix	6-ch	6 + 4	-	QST	-	Yes	Yes	iTPM 1.2	-	TBD	Yes	1.1	-	-
Executive	BOXDQ45CB	896114	uATX	Q45	ICH10D			X		X	X				X		X		Premium	1333	800	Intel® 4500	DVI-I + DVI-D	GbE	1	2	1	-	5	1	4	0,1,5,10 & Matrix	6-ch	6+6	Yes	QST	-	Yes	Yes	iTPM	-	TBD	Yes	1.1	-	-
Executive	BLKDQ45CB	896113	uATX	Q45	ICH10D			X		X	X				X		X		Premium	1333	800	Intel® 4500	DVI-I + DVI-D	GbE	1	2	1	-	5	1	4	0,1,5,10 & Matrix	6-ch	6+6	Yes	QST	-	Yes	Yes	iTPM	-	TBD	Yes	1.1	-	-
Executive	BOXDQ43AP	901975	uATX	Q43	ICH10D			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	-	1	2	-	2	1	2	-	6-ch	4+4	No	QST	-	-	Std	iTPM	-	TBD	Yes	Yes	-	-
Executive	BLKDQ43AP	901976	uATX	Q43	ICH10D			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	-	1	2	-	2	1	2	-	6-ch	4+4	No	QST	-	-	Std	iTPM	-	TBD	Yes	Yes	-	-
Executive	BOXDB43LD	903740	uATX	B43	ICH10D			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	1	1	2	0	5	1	2		6-ch	4+6	No	QST	-	-	Upgra	-	-	TBD	Yes	Yes	-	-
Executive	BLKDB43LD	901985	uATX	B43	ICH10D			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	1	1	2	0	5	1	2		6-ch	4+6	No	QST	-	-	Upgra	-	-	TBD	Yes	Yes	-	-
Classic	BOXDH55HC	903545	ATX	H55	N/A		X												Premium		DDR3-1600	1 PCIe 2.0 x16	DMI + DVI-D+VG	GbE	1	2	3	-	4	2	4	-	6-ch	6+4	No	QST	-	-	-	-	-	Yes	Yes	Yes	-	-
Classic	BLKDH55HC	903546	ATX	H55	N/A		X												Premium		DDR3-1600	1 PCIe 2.0 x16	DMI + DVI-D+VG	GbE	1	2	3	-	4	2	4	-	6-ch	6+4	No	QST	-	-	-	-	-	Yes	Yes	Yes	-	-
Classic	BOXDH55TC	903541	uATX	H55	N/A		X												Premium		DDR3-1600	1 PCIe 2.0 x16	DMI + DVI-D+VG	GbE	1	2	1	-	4	2	4	-	6-ch	6+4	No	QST	-	-	-	-	-	Yes	Yes	Yes	-	-
Classic	BLKDH55TC	903542	uATX	H55	N/A		X												Premium		DDR3-1600	1 PCIe 2.0 x16	DMI + DVI-D+VG	GbE	1	2	1	-	4	2	4	-	6-ch	6+4	No	QST	-	-	-	-	-	Yes	Yes	Yes	-	-
Classic	BOXDG43GT	902217	uATX	G43	ICH10			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	HDMI + DVI-I	GbE	1	2	1	1	4	-	4	-	8-ch	6+6	Yes	QST	-	-	-	-	-	-	Yes	Yes	-	-
Classic	BLKDG43GT	902218	uATX	G43	ICH10			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	HDMI + DVI-I	GbE	1	2	1	1	4	-	4	-	8-ch	6+6	Yes	QST	-	-	-	-	-	-	Yes	Yes	-	-
Classic	BOXDG43NB	897538	ATX	G43	ICH10			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	1	3	3	1	6	-	2	-	6-ch	6+6	Yes	QST	Yes	-	-	-	-	-	Yes	1.1	-	-
Classic	BLKDG43NB	897539	ATX	G43	ICH10			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	1	3	3	1	6	-	2	-	6-ch	6+6	Yes	QST	Yes	-	-	-	-	-	Yes	1.1	-	-
Classic	BOXDP43TF	897798	ATX	P43	ICH10			X		X	X				X		X		Premium	1333	800	Single PCIe gen 2 x16	-	GbE	1	3	3	1	6	-	4	-	6-ch	6+6	Yes	QST	Yes	-	-	-	-	-	Yes	1.1	-	-
Classic	BLKDP43TF	897799	ATX	P43	ICH10			X		X	X				X		X		Premium	1333	800	Single PCIe gen 2 x16	-	GbE	1	3	3	1	6	-	4	-	6-ch	6+6	Yes	QST	Yes	-	-	-	-	-	Yes	1.1	-	-
Classic	BOXDG41KR	902236	uATX	G41	ICH7			X		X	X				X		X		Premium	1333	DDR3-1066	Intel® GMA X4500	HDMI + VGA	GbE	1	1	2	1	4	-	2	-	8-ch	4+4	No	SIO	-	-	-	-			Yes	Yes	-	-
Classic	BLKDG41KR	902237	uATX	G41	ICH7			X		X	X				X		X		Premium	1333	DDR3-1066	Intel® GMA X4500	HDMI + VGA	GbE	1	1	2	1	4	-	2	-	8-ch	4+4	No	SIO	-	-	-	-			Yes	Yes	-	-
Classic	BOXDG41MJ	900996	mini-ITX	G41	ICH7			X - only 65W		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	-	-	1	-	3	-	2	-	6-ch	4+4	No	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Classic	BLKDG41MJ	900997	mini-ITX	G41	ICH7			X - only 65W		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	-	-	1	-	3	-	2	-	6-ch	4+4	No	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Classic	BOXDG41TY	899816	uATX	G41	ICH7			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	1	1	2	1	4	-	2	-	6-ch	4+4	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Classic	BLKDG41TY	899817	uATX	G41	ICH7			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA + DVI-D	GbE	1	1	2	1	4	-	2	-	6-ch	4+4	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Classic	BOXDG31PR	891347	uATX	G31	ICH7			X		X	X				X		X		Premium	1333	800	Intel© GMA 3100	VGA	GbE	1	1	2	1	4	-	2	-	6-ch	4+4	-	SIO	-	-	-	-	-	-	Yes	1.0.2	-	-
Classic	BLKDG31PR	891348	uATX	G31	ICH7			X		X	X				X		X		Premium	1333	800	Intel© GMA 3100	VGA	GbE	1	1	2	1	4	-	2	-	6-ch	4+4	-	SIO	-	-	-	-	-	-	Yes	1.0.2	-	-
Essential	BOXDG41RQ	901034	uATX	G41	ICH7			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA	GbE	1	-	2	1	4	-	2	-	4+2 ch	4+4	No	SIO	-			-	-	-	Yes	1.1	-	-
Essential	BLKDG41RQ	901035	uATX	G41	ICH7			X		X	X				X		X		Premium	1333	800	Intel® GMA X4500	VGA	GbE	1	-	2	1	4	-	2	-	4+2 ch	4+4	No	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Essential	BOXDG41CN (Note 3)	904748	uATX	G41	ICH7			X		X	X								Basic	1333	800	Intel® GMA X4500	VGA	GbE	1	-	2	0	4	-	2	-	5.1+2	4+4	No	SIO	-	-	-	-	-	-	No	No	-	-
Essential	BLKDG41CN (Note 3)	904749	uATX	G41	ICH7			X		X	X								Basic	1333	800	Intel® GMA X4500	VGA	GbE	1	-	2	0	4	-	2	-	5.1+2	4+4	No	SIO	-	-	-	-	-	-	No	No	-	-
Essential	BOXD410PT (Integrated Pineview Single Core)	903646	mini-ITX	N10															Vista Basic	N/A	800/667	GMA 3150	VGA	10/100		-	1	-	2	-	2	-	2+2 Ch	4+4	-	SIO							Yes	Yes	-	-
Essential	BLKD410PT (Integrated Pineview Single Core)	903647	mini-ITX	N10															Vista Basic	N/A	800/667	GMA 3150	VGA	10/100		-	1	-	2	-	2	-	2+2 Ch	4+4	-	SIO							Yes	Yes	-	-
Essential	BOXD510MO (Integrated Pineview Dual Core)	903640	mini-ITX	N10															Vista Basic	N/A	800/667	GMA 3150	VGA	GbE		mini PCI	1	-	2	-	2	-	4+2 ch	4+3+1	-	SIO							Yes	Yes	-	-
Essential	BLKD510MO (Integrated Pineview Dual Core)	903641	mini-ITX	N10															Vista Basic	N/A	800/667	GMA 3150	VGA	GbE		mini PCI	1	-	2	-	2	-	4+2 ch	4+3+1	-	SIO							Yes	Yes	-	-
Essential	BLKD945GSEJT (integrated N270)	900959	mini-ITX	945GSE	ICH7M														Vista Basic	533	667/533	GMA 950	GA + DVI or LVD	GbE	-	lini PCI	1	1	2	-	SO-DIMM	-	2+2 Ch	3+3+1	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Essential	BOXD945GCLF (Integrated Diamondville Single Core)	896268	mini-ITX	945GC	ICH7														Vista Basic	533	667/533	GMA 950	VGA	10/100	-	-	1	1	2	-	1	-	2+2 ch	4+2	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Essential	BLKD945GCLF (Integrated Diamondville Single Core)	896267	mini-ITX	945GC	ICH7														Vista Basic	533	667/533	GMA 950	VGA	10/100	-	-	1	1	2	-	1	-	2+2 ch	4+2	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Essential	BOXD945GCLF2 (Integrated Diamondville Dual Core)	896272	mini-ITX	945GC	ICH7														Vista Basic	533	667/533	GMA 950	VGA + S-video	GbE	-	-	1	1	2	-	1	-	4+2 ch	4+4	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Essential	BLKD945GCLF2 (Integrated Diamondville Dual Core)	896273	mini-ITX	945GC	ICH7														Vista Basic	533	667/533	GMA 950	VGA + S-video	GbE	-	-	1	1	2	-	1	-	4+2 ch	4+4	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Essential	BOXD945GCLF2D (Integrated Diamondville Dual Core)	901738	mini-ITX	945GC	ICH7														Vista Basic	533	667/533	GMA 950	VGA	GbE	-	-	1	1	2	-	1	-	4+2 ch	4+4	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-
Essential	BLKD945GCLF2D (Integrated Diamondville Dual Core)	901768	mini-ITX	945GC	ICH7														Vista Basic	533	667/533	GMA 950	VGA	GbE	-	-	1	1	2	-	1	-	4+2 ch	4+4	-	SIO	-	-	-	-	-	-	Yes	1.1	-	-