

## 2011 Fusion Controller Hub (FCH) Variants - External

	Notebook			Desktop			AES
	Hudson-M1	Hudson-M2	Hudson-M3	Hudson-D1	Hudson-D2	Hudson-D3	Hudson-E1
Target Platform	Brazos (Ontario)	Sabine (Llano)	Sabine (Llano)	Value Lynx + Brazos ECSD	Lynx (Llano)	Lynx (Llano)	Brazos (AES)
Clock Gen	Y	Y	Y	Y	Y	Y	Y
Gigabit Ethernet MAC	N	10/100/1000	10/100/1000	N	10/100/1000	10/100/1000	<b>Y</b>
EEE	N	Y	Y	N	Y	Y	<b>Y</b>
SATA	6 x 6Gb/s	6 x 6Gb/s	6 x 6Gb/s	6 x 3Gb/s	6 x 6Gb/s	6 x 6Gb/s	<b>6 x 6Gb/s</b>
RAID	N	0,1	0,1	N	0,1,10	0,1,10	<b>0,1,5,10</b>
FIS-Based Switching	N	N	N	N	Y	Y	<b>Y</b>
HD Audio	Up to 4-channels	Up to 4-channels	Up to 4-channels	Up to 4-channels	Up to 4-channels	Up to 4-channels	Up to 4-channels
PCIe GPPs	4 x1 Gen 2	4 x1 Gen 2	4 x1 Gen2	4 x1 Gen 2	4x1 Gen 2	4x1 Gen 2	4 x1 Gen 2
Unified Media Interface (UMI)	x4 Gen 1	x4 Gen 1 +DP	x4 Gen 1 +DP	x4 Gen 2	x4 Gen 2 +DP	x4 Gen 2 +DP	<b>x4 Gen 2</b>
USB 3.0 + 2.0 + 1.1 Ports <sup>1</sup>	0 + 14 + 2	0 + 14 + 2	4 + 10 + 2	0 + 14 + 2	0 + 14 + 2	4 + 10 + 2	0 + 14 + 2
APU Fan Control <sup>2</sup>	Y	Y	Y	Y	Y	Y	Y
Consumer IR	Y	Y	Y	Y	Y	Y	Y
SD Controller <sup>3</sup>	N	Y	Y	N	Y	Y	N
VGA DAC	N	Y	Y	N	Y	Y	N
33MHz PCI	N	N	N	Up to 4 slots	Up to 3 slots	Up to 3 slots	<b>Up to 4 slots</b>
MCTP <sup>4</sup>	Y	Y	Y	Y	Y	Y	Y



<sup>1</sup> The total number of USB 2.0 capable ports are 14 for all variants

<sup>2</sup> Fan Control based on SB-TSI input

<sup>3</sup> Supports high-capacity SDHC format up-to 32GB, 4-pins @ 50 MHz

<sup>4</sup> MCTP support over SMBus (without IMC), similar to SB710