

Bare Bone	Baytrail				CherryTrail		Braswell		Haswell			Broadwell	Value
	i39B	F110D	F110D	F200	F210	F210U	F103D		i57	I200	I200	i58B	D330
	BJ000	BB000	BD000	BB200H	BZ180	BZ230	BS200-DP	BQ200	B6000	B3000	BG000	B5000/B3000/B2000	Socket Type CPU
Picture													
Dimension	191 x 149 x 25.5mm	191 x 149 x 25.5mm	191 x 149 x 25.5mm	116.6*107.2*30mm	116.6*107.2*30mm	116.6*107.2*30mm	190 x 149 x 25.5mm	190 x 149 x 25.5mm	190 x 149 x 25.5mm	130x 128.5 x 26mm	130x 128.5 x 26mm	190 x 149 x 25.5mm	236 x 178.4 x 50mm
CPU	Intel® Celeron® Processor J1900, 4 Cores / 4 Threads	Intel® Celeron® Processor N2807, 2 Cores / 2 Threads, 1.58~2.16GHz, Max. TDP 4.3W	Intel® Celeron® Processor J1900, 4 Cores / 4 Threads	Intel® Celeron® Processor N2807, 2 Cores / 2 Threads	Intel® Atom™ x5-Z8300 Processor (2M Cache, up to 1.84 GHz)	Intel® Atom™ x5-Z8300 Processor (2M Cache, up to 1.84 GHz)	Intel® Celeron® Processor N3150 (2M Cache, up to 2.08 GHz) TDP 6W	Intel® Celeron® Processor N3000 (2M Cache, up to 2.08 GHz) TDP 4W	Intel® Core i3-4010U	Intel® Core i3-4010U	Intel® Celeron® Processor 2957U	Intel® Core i5-5200U/i3-5010U/3205U processor	LGA1150 for 4th Gen. Intel® Core™ i3/i5/i7, /Pentium® /Celeron® Processors (TDP ≤ 84W)
Chipset	Integrated into CPU	Integrated to CPU	Integrated to CPU	Integrated to CPU	Integrated to CPU	Integrated to CPU	Integrated to CPU	Integrated to CPU	Integrated into CPU	Integrated into CPU	Integrated into CPU	Integrated into CPU	Intel® H81 Express
GPU	Intel® HD Graphics	Intel® HD Graphics	Intel® HD Graphics	Intel® HD Graphics	Intel® HD Graphics	Intel® HD Graphics	Intel® HD Graphics	Intel® HD Graphics	Intel® GMA HD4400 graphic	Intel® GMA HD4400 graphic	Intel® GMA HD graphic	Intel® HD Graphics 5500,	Intel® HD graphic
Memory On Board				2G DDR3L Memory	1G DDR3L Memory	2G DDR3L Memory	2G memory On board	2G memory On board					
Memory Slot	1*SO-DIMM, up to 8GB of DDR3L-1333MHz (1.35V)	1*SO-DIMM, up to 48GB of DDR3L-1333MHz (1.35V)	1*SO-DIMM, up to 8GB of DDR3L-1333MHz (1.35V)	NA	NA	NA	1x DDR3L 2G only SO-DIMM expansion slot for dual channel mode	1x DDR3L 2G only SO-DIMM expansion slot for dual channel mode	2x SO-DIMM slot, up to 16GB of DDR3L 1600	One SO-DIMM slot, up to 8GB of DDR3L 1600 MHz (1.35V)	One SO-DIMM slot, up to 8GB of DDR3L 1600 MHz (1.35V)	2xSO-DIMM slot, up to 16G of DDR3L-1600(1.35V)	2x U-DIMM DDR3-1333/1600 up to 16G
Storage	Support 1*2.5inch SATAII Type HDD 1 * mSATA via mPCI-E	Support 1*2.5inch SATAII Type HDD 1 * mSATA via mPCI-E	Support 1*2.5inch SATAII Type HDD 1 * mSATA via mPCI-E	Onboard eMMC N/A (Optional 8G/16G)	Onboard eMMC 8G	Onboard eMMC 32G	1x SATA III for 2.5" HDD	1x SATA III for 2.5" HDD	1 * SATA 2.5 inch SATA III Type HDD	NA	NA	2.5inch SATA III type HDD or mSATAIII type HDD	1 * 2.5" SATA III Type HDD
LAN	Gigabit	2* Gigabit	2* Gigabit	1x Realtek® Gigabit Ethernet Controller	1x Realtek® Gigabit Ethernet Controller	1x Realtek® Gigabit Ethernet Controller	2x Realtek® Gigabit Ethernet RJ45 port	2x Realtek® Gigabit Ethernet RJ45 port	1x Intel® Gigabit Ethernet (I218LM)	1x Intel® Gigabit Ethernet (I218LM)	1x Intel® Gigabit Ethernet (I218LM)	1x Intel® Gigabit Ethernet Controller (I218LM)	1 x Realtek Gigabit
Wi-Fi via mini PCIE	optional	optional	optional	optional	WiFi on board	WiFi+BT on board	optional	optional	optional	optional	optional	optional	optional
Com port	*1	2 x COM Port	2 x COM Port	NA	*1	*1	2 x COM Port	2 x COM Port	*1	*1	*1	*1	2*COM headers
USB Port	4*USB2.0+1*USB3.0	4*USB2.0+1*USB3.0	4*USB2.0+1*USB3.0	1x USB3.0+2x USB2.0	1x USB3.0+3x USB2.0	1x USB3.0+3x USB2.0	3x USB3.0+2x USB2.0	3x USB3.0+2x USB2.0	4*USB2.0+1*USB3.0	4*USB3.0	4*USB3.0	4*USB2.0+1*USB3.0	2*USB3.0, 4*USB2.0
Sim Card Slot		*1	*1	*1	*1	*1	*1	*1		*1	*1		2x PS/2 Port
Expansion Slots	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express	2x Mini-PCI Express
Display output	1*VGA, 1*HDMI	1*VGA, 1*HDMI	1*VGA, 1*HDMI	1*HDMI	1*VGA, 1*HDMI	1*VGA, 1*HDMI	1*DP, 1*HDMI	1*VGA, 1*HDMI	1*DP, 1*HDMI	1*DP, 1*HDMI	1*DP, 1*HDMI	1x DisplayPort v1.2 + 1x HDMI v1.4a	1*VGA,, 1*HDMI 1.4a
Card reader	4 in 1(SD/MMC/MS/MS PRO)	1x 4-in-1 Card Reader(SD / MMC / MS / MS PRO)	1x 4-in-1 Card Reader(SD / MMC / MS / MS PRO)	NA	NA	NA	NA	NA	1x Card Reader(Micro SD)	NA	NA	1x Card Reader (TF)	N/A
Audio	Audio-out / MIC-in	Audio-out / MIC-in	Audio-out / MIC-in	Audio-out / MIC-in	Audio-out / MIC-in	Audio-out / MIC-in	1x Audio-Out & SPDIF (3.5mm) (4-Mic-In (3.5mm))	1x Audio-Out & SPDIF (3.5mm) (4-Mic-In (3.5mm))	Audio-out / MIC-in / SPDIF-out	Realtek's High Definition Audio, (5,1) Digital audio	Realtek's High Definition Audio, (5,1) Digital audio	Audio-out / MIC-in / SPDIF-out	Audio out/mic in/in in