



Embedded Fanless System



		TASK	TASK	TASK
Back Panel Motherboard I/O				
Blue-marked area is for extra functions				
Back Panel Expansion I/O Possibilities & more		<ul style="list-style-type: none"> •3G/4G •GPS •Bluetooth •WiFi 	<ul style="list-style-type: none"> •3G/4G •GPS •Bluetooth •WiFi 	<ul style="list-style-type: none"> •3G/4G •GPS •Bluetooth •WiFi
Front / Back Including, but not limited to these functions				
Motherboard		3I390NX	3I390AW	3I385AW
System Dimension(WxDxH)		210W x 125D x 77H mm	210W x 125D x 77H mm	210W x 125D x 77H mm
Weight(Incl.M/B)		1.9 kg	1.9 kg	1.9 kg
CPU / Chipset		Intel Apollo Lake N4200 2.5 GHz (Quad Core), N3350 2.4 GHz (Dual Core), E3950 2.0 GHz (Quad Core)		Intel Bay Trail-DJ1900 2.0 GHz (Quad Core) Intel Bay Trail-E3845 1.91 GHz (Quad Core)
Memory	Type / Capacity	DDR3L 1600 MT/s	DDR3L 1600 / 1866 MT/s	DDR3L 1333 MT/s
	SO-DIMM	N/A	1, Max up to 8GB	1, Max up to 8GB
	On board memory	4GB	N/A	N/A
SSD storage	mSATA	YES	YES	YES
HDD Space		mSATA / 2.5" HDD	mSATA / 2.5" HDD	mSATA / 2.5" HDD
VGA / DP		VGA / DP	VGA	VGA
HDMI / DVI		1 x HDMI 1.4b	1 x DVI	1 x DVI
USB		2 x USB 3.0, 2 x USB 2.0	4 x USB 3.0	4 x USB 3.0
COM		2	6	6
Mini-PCIe		1 x Full size Mini card for PCIe / mSATA / USB 1 x Full size Mini card for PCIe / USB	1 x Full size Mini card for PCIe / mSATA / USB 1 x Full size Mini card for PCIe / USB	1 x Full size Mini card for PCIe / mSATA / USB 1 x Full size Mini card for PCIe / USB
SIM Card Holder		N/A	1	1
GPIO		4DI / 4DO (Optional)	4DI / 4DO (Optional)	8DI / 8DO (Optional)
Ethernet		5 x Intel GbE (4 Port PoE)	2 x Intel GbE	2 x Intel GbE
Power Input		Wide Range DC IN +9V~36V	Wide Range DC IN +9V~36V	Wide Range DC IN +9V~36V
Expansion		3G / 4G, GPS, Bluetooth, WI-FI	3G / 4G, GPS, Bluetooth, WI-FI	3G / 4G, GPS, Bluetooth, WI-FI, I/O
Optional MB		3I847NX / 3I847A / 3I380A / 3I770A / 3I385AW	3I380A / 3I847A / 3I770A / 3I385AW	3I847AW
Operating Temp		-20°C~70°C for mSATA / SSD HDD	-20°C~70°C for mSATA / SSD HDD	-20°C~70°C for mSATA / SSD HDD
Operating Humidity		5~95% @ 60°C, non-condensing	5~95% @ 60°C, non-condensing	5~95% @ 60°C, non-condensing