



Embedded Fanless System



TWIN

TWIN

Back Panel Motherboard I/O



		TWIN	TWIN
Back Panel Motherboard I/O			
Motherboard		21380A	21385A
System Dimension(WxDxH)		145W x 84D x 35H mm	145W x 84D x 35H mm
Weight(Incl.M/B)		0.7 kg	0.7 kg
CPU		Intel Bay Trail-I E3815 1.46 GHz (Single Core) Intel Bay Trail-I E3845 1.91 GHz (Quad Core)	Intel Bay Trail-I E3815 1.46 GHz (Single Core) Intel Bay Trail-I E3845 1.91 GHz (Quad Core)
Chipset			
Memory	Type / Capacity	E3815 DDR3L 1066MT/s E3845 DDR3L 1333MT/s	E3815 DDR3L 1066MT/s E3845 DDR3L 1333MT/s
	On board memory	2GB / 4GB	2GB / 4GB
SSD storage	mSATA	Yes	Yes
	On Board SSD	Optional	N/A
HDD Space		mSATA	mSATA
VGA		Yes	Yes
DVI / HDMI		HDMI	N/A
USB		4 (USB 3.0 x 1 + USB 2.0 x 3)	2 (USB 2.0)
COM		1	1
Mini-PCIe		2	2
SIM Card Holder		N/A	N/A
GPIO		N/A	N/A
Ethernet		1 x Intel GbE	2 x Intel GbE
Mic-in / Line-out		Line-out / Mic-in	Optional
Power Input		DC IN +12V ; +9~36V (Optional)	DC IN +12V
Expansion		3G / 4G, GPS, Bluetooth, WI-FI	3G / 4G, GPS, Bluetooth, WI-FI
Operating Temp		-20°C~70°C for mSATA	-20°C~70°C for mSATA
Operating Humidity		5~95% @ 60°C, non-condensing	5~95% @ 60°C, non-condensing