



# Pico Express® Embedded Fanless System

## Light - 8 x PoE

## TINO - 8 x PoE

Back Panel Motherboard I/O

intel  
Bay Trail

intel  
Ivy Bridge



Motherboard & Carrier board		2I385PW+DK005 2I847PW+DK005	2I385PW+DK005 2I847PW+DK005
System Dimension(WxDxH)		234W x 175D x 48.5H mm	245W x 177D x 68H mm
Weight(Incl.M/B)		1kg	2.9 kg
CPU	2I385PW	Intel Bay Trail-I E3825 1.33 GHz (Dual Core) Intel Bay Trail-I E3845 1.91 GHz (Quad Core)	Intel Bay Trail-I E3825 1.33 GHz (Dual Core) Intel Bay Trail-I E3845 1.91 GHz (Quad Core)
	2I847PW	Intel Ivy Bridge 1047UE ; i3 / i7 CPU	Intel Ivy Bridge 1047UE ; i3 / i7 CPU
Chipset	2I385PW	Intel Bay Trail-I E3825 1.33 GHz (Dual Core) Intel Bay Trail-I E3845 1.91 GHz (Quad Core)	Intel Bay Trail-I E3825 1.33 GHz (Dual Core) Intel Bay Trail-I E3845 1.91 GHz (Quad Core)
	2I847PW	Intel Panther Point (PCH) HM76	Intel Panther Point (PCH) HM76
Memory	Type / Capacity	DDR3L 1066MT/s-2I385PW E3825 DDR3L 1333MT/s-2I385PW E3845 DDR3 1333/1600 MT/s-2I847PW	DDR3L 1066MT/s-2I385PW E3825 DDR3L 1333MT/s-2I385PW E3845 DDR3 1333/1600 MT/s-2I847PW
	On board memory	2GB-2I385PW E3825 ; 4GB-2I385PW E3845 4GB-2I847PW	2GB-2I385PW E3825 ; 4GB-2I385PW E3845 4GB-2I847PW
SSD storage	mSATA	YES	YES
HDD Space		mSATA / 2.5" HDD	mSATA / 2.5" HDD
VGA		YES	YES
DVI / HDMI		HDMI	HDMI
USB		1 x USB 3.0, 3 x USB 2.0	1 x USB 3.0, 4 x USB 2.0
COM		1	4
Mini-PCle		4	4
SIM Card Holder		2	2
Mirco SD Card Holder		N/A	N/A
GPIO		N/A	N/A
Ethernet		9 (1 x GbE + 8 x PoE)	9 (1 x GbE + 8 x PoE)
Mic-in / Line-out		YES	YES
Power Input		Wide Range DC-IN +9~36V	Wide Range DC-IN +9~36V
Expansion		3G / 4G, GPS, Bluetooth, WI-FI	3G / 4G, GPS, Bluetooth, WI-FI
Operating Temp.		-20°C~60°C for mSATA / SSD HDD	-20°C~60°C for mSATA / SSD HDD
Operating Humidity		5~95% @ 60°C, non-condensing	5~95% @ 60°C, non-condensing