

12th Gen Tower PC Expansion Slot

Features

- Fan solution and rugged design
- 12th Gen Intel Pentium / Celeron / i3 / i5 / i7/ i9 processors
- 2 x GLAN, 4 x USB , 2 x RS232/422/485, 2 x DP ++
- 1 x PCI e x 16 slot , 1 x M Key, 1 x E Key, 1 x B Key.
- Wall mount installation



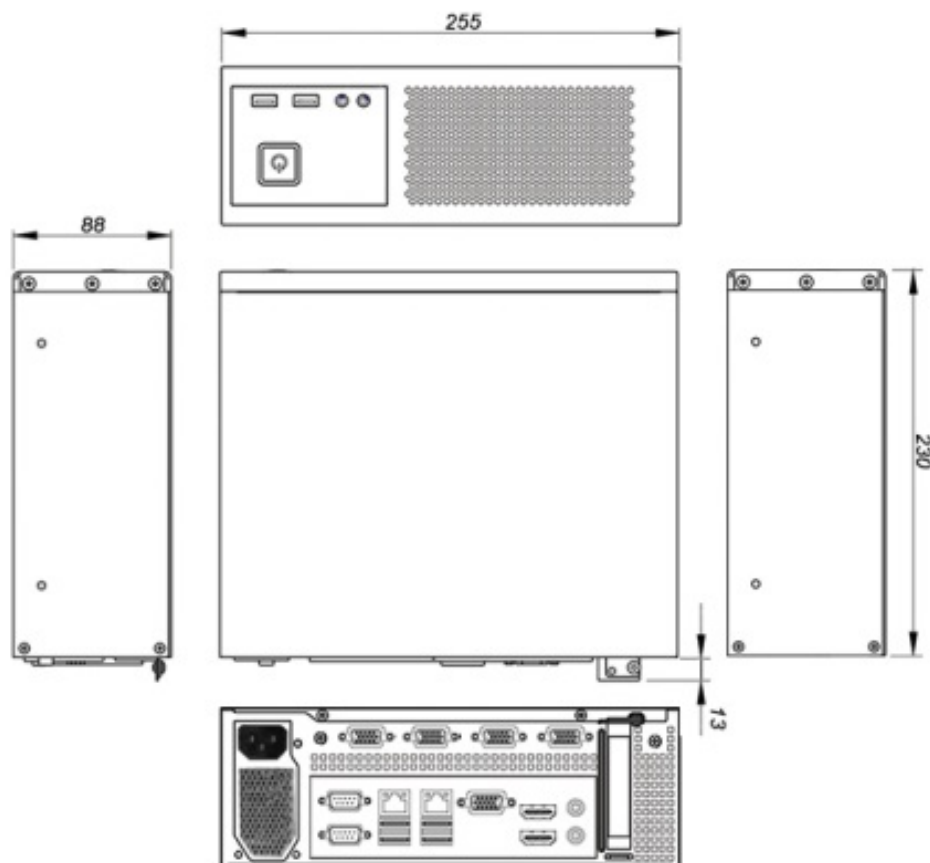
Specification

Model No.	TB232SW	TB233SW	TB234SW
System			
CPU	12 th Gen Alder Lake Intel Pentium / Celeron / i3 / i5 / i7/ i9 processors up to 65W		
CPU Socket	LGA 1700 Socket		
Chipset	Intel R680 Express	Intel R670 Express	Intel H610 Express
Memory	2 x 260 Pin DDR4 3200Mhz So-DIMM up to 64 GB		
H/W Monitor			
Watch Dog	Timer 256 Level		
Security			
TPM	dTPM2.0		
I/O Ports			
RS232/422/485	2		
DP ++	2		
GLAN	1 x Intel I225LM PCIe(10/100/1000/2.5G speeds) 1 x Intel I219LM PHY (10/100/1000 speeds) (support vPro/AMT)		1 x Intel I225LM PCIe (100/1000/2.5G speeds) 1 x Intel I219LM PHY (10/100/1000 speeds)
USB	4 x USB 3.2 Gen 2		2 x USB 3.2 Gen 2 1 x USB 3.2 Gen 1
Storage			
Storage	2 x SATA 3.0 for RAID 0/1/5/10(w/ M.2 Key-M/B slot + 2 SATA conn.,)		
Expansion			
PCI e x 16 slot (Gen 3)	1		
M.2	1 x E Key (PCIe x 1 / USB) 2230		
	1 x M Key (PCIe x 4 Gen 3 /SATA / USB 3.2 Gen 2) 2280		1 x M Key(PCIe x 1 Gen 3/ SATA) 2280
	1 x B Key (PCIe x 1 Gen 3 / SATA)2242/3042/3052		1 x B Key (SATA / USB 3.2 Gen 1) 2242/3042/3052-
Power Requirement			
Power Requirement	9 ~ 36V DC in for Tower PC with 3 Pin Power Terminal block for DC in 12V DC in external power adapter or DC in 24V external power adapter		
OS support			
OS support	Window 10 IoT Enterprise 64 bit Linux		



Mechanical & Environmental	
Operation Temp.	0 ~ 50°C
Storage Humidity	10 ~ 90%, non-condensing
Mounting	Wall mount
Construction	Full black steel
Dimension (WxHxD)	230 x 255 x 88 mm
Weight	2.8 kg
Optional	
P/N: 2390000003	External antenna (WIFI)
P/N: 312170000A	4GB LTE module
P/N: 312170000	5GB LTE module
Ordering Information	
TB232SW04128	Tower Barebone PC Intel Socket 1700 with R680E, 4GB DDR 4 So-DIMM. M.2 128GB SSD, DC in 12V external power adapter
TB233SW04128	Tower Barebone PC Intel Socket 1700 with Q670E, 4GB DDR 4 So-DIMM, M.2 128GB SSD, DC in 12V external power adapter
TB234SW04128	Tower Barebone PC Intel Socket 1700 with H610E, 4GB DDR 4 So-DIMM. M.2 128GB SSD , DC in 12V external power adapter
TB235SW04128	Tower Barebone PC Intel Socket 1700 with R680E, 4GB DDR 4 So-DIMM. M.2 128GB SSD , DC in 24V external power adapter
TB236SW04128	Tower Barebone PC Intel Socket 1700 with Q670E, 4GB DDR 4 So-DIMM. M.2 128GB SSD, DC in 24V external power adapter
TB237SW04128	Tower Barebone PC Intel Socket 1700 with H610E, 4GB DDR 4 So-DIMM. M.2 128GB SSD, DC in 24V external power adapter
**Specifications are subject to change without notice.	

TB232/233/234/235/236/237SW



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