

TBOX-2820 Industrial Fanless Computer

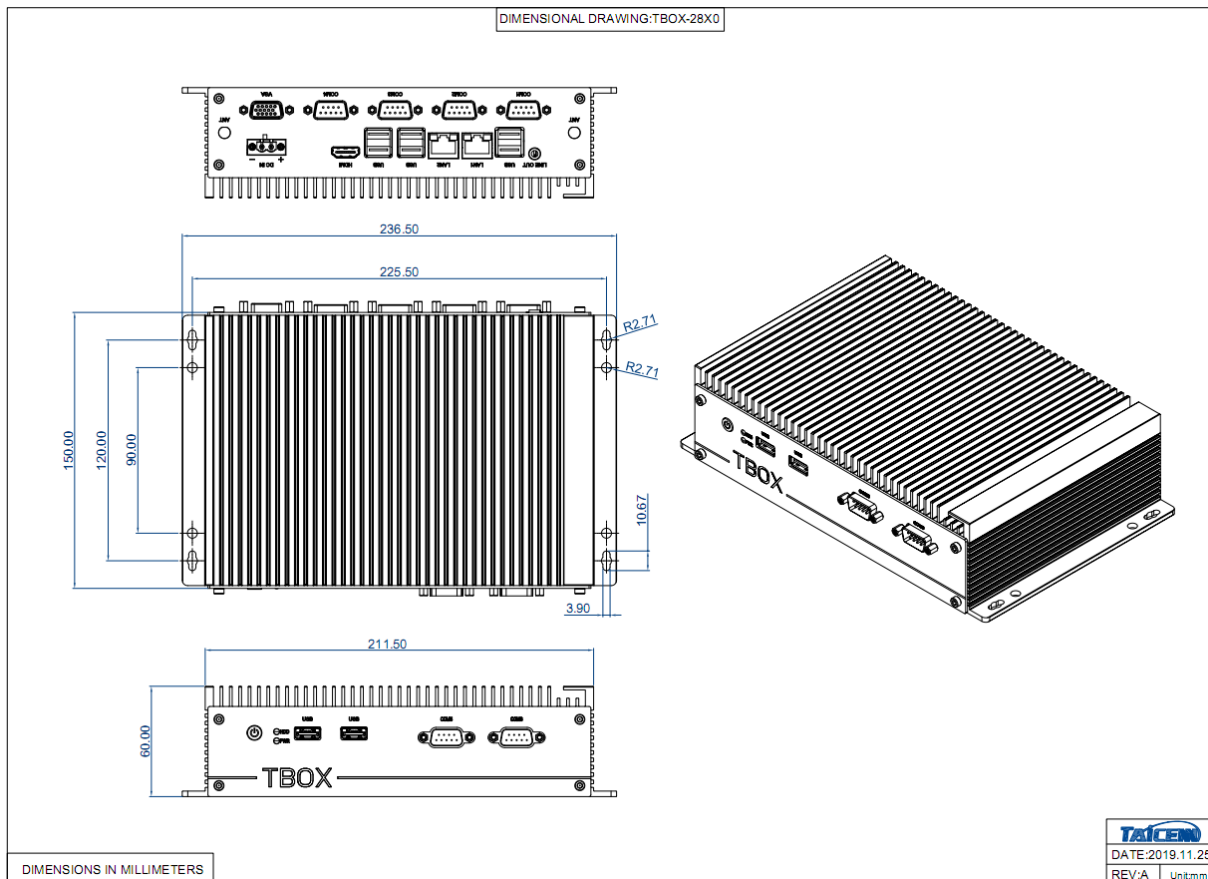


● Specification

Hardware & system	
BIOS	SPI AMI EEI BIOS
CPU	Intel Whiskey lake Core i5-8365U processor
CPU Ghz	Quad-core, Eight threads 1.5Ghz, burst to 4.1Ghz
Memory	SO-DIMM, DDR4, max. up to 16GB
Storage	1* 2.5" SATA + 1*mSATA
Graphic	Intel HD Graphics 620
Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)
Audio	On-board Realtek ACL 269 audio controller
Expansion	1* full size Mini-PCle slot
Watch dog	0~256 seconds programmable
Operating system	Win10, Linux
IO interface	
COM	6*RS232 (support 1* RS485/RS422)
Ethernet	2* RJ45, 10/100/1000 Mbps
Audio	Line out
USB	4* USB3.0 + 4* USB2.0 (Max. up to 10 USB)
Display	1* HDMI + 1*VGA
Power	1* 2 pins, phenix terminal
GPIO/CAN	8*GPIO + 1*CAN (optional in TBOX-28X1)
Structure	
Box structure & surface	Aluminum alloy, anodizing and anti-scratch treatment
Color	Black & Color
Mount method	Desktop, wall mount, (Optional with Din-Rail mount)
Cooling system	Large area finned aluminum heat sinks
Indicator	Power switch, Power LED, HDD LED
Dimension	236.5 x 150 x 60 (mm)
Network	Around 1.50 KG
Power & Environmental	
Operating temp.	-20 ~ + 70 °C
Storage temp.	-40 ~ + 80 °C

Relative humidity	10 ~ 95% @ 10C (No condensation)
Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
Shock	10G/Peak (11 ms)
Power input	DC 9~24v
Power consumption	Around 25W
EMC	CE/FCC Class A

● Dimension



● Ordering information

TBOX-2800	Celeron 4305U, 1*HDMI, 1*VGA, 2*RJ45, 4*USB3.0 + 4*USB2.0, 6*COM, Line-out, DC 9~24v
TBOX-2810	Core i3-8145U, 1*HDMI, 1*VGA, 2*RJ45, 4*USB3.0 + 4*USB2.0, 6*COM, Line-out, DC 9~24v
TBOX-2820	Core i5-8365U, 1*HDMI, 1*VGA, 2*RJ45, 4*USB3.0 + 4*USB2.0, 6*COM, Line-out, DC 9~24v
TBOX-2830	Core i7-8665U, 1*HDMI, 1*VGA, 2*RJ45, 4*USB3.0 + 4*USB2.0, 6*COM, Line-out, DC 9~24v
TBOX-28X1	TBOX-28X0 with extra 1*DB9 (8*GPIO) + 1* CAN
Memory	SO-DIMM, DDR4L, 4G/8G/16GB/32GB
Storage	SSD: 64GB/128GB/256GB/512GB/1TB HDD: 1TB/2TB/4TG
Wireless	Wi-Fi module , Wi-Fi with BT integrated module, All network 4G module
Power adapter	AC-DC 12V/3.3A 40W