

FANLESS EMBEDDED PC



Fanless Wide Temp Cubic Box PC 11th Intel i5 1145GRE , 1x DP, 1x HDMI , 2 x LAN, 4 x USB 3.2, 2 x USB 2.0 , 4 x RS232/422/485 , 1 x 12V DC in external power adapter and power cord, wall mounting, operation temp : -20 ~ 65 degree



MODEL: KTPC880-i5WT

FEATURES:

- Fanless solution and compact housing
- Wide temperature : -20~ 60°C
- 11th Gen Intel Core i5 1145GRE
- 4 x USB 3.2, 2 x USB 2.0, 4 x RS232 / RS422 / RS485,
- 2 x GLAN, 1 x HDMI, 1 x DP
- 1 x M.2 M Key, 1 x M.2 B Key, 1 x M.2 E key.
- GPIO 16 bits
- Wall Mount / DIN Rail installation
- IIoT gateway
- WT 4GB DDR 4 So-DIMM
- M.2 M Key 128GB SSD
- Window 10 Pro (English)

SPECIFICATIONS:

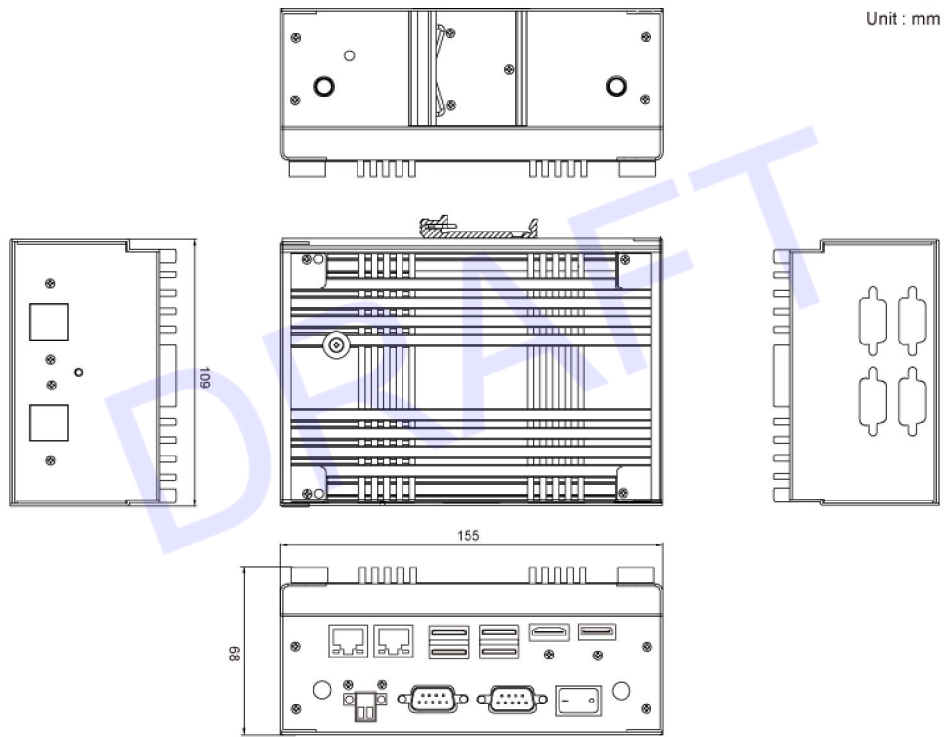
System	
CPU	11th Gen Intel® IoTG Mobile Tiger lake Core i5 1145GRE CPU
Memory	2 x 260-pin DDR4 3200MHz SODIMM up to 64 GB
H/W Monitor	
H/W Monitor	Watch Dog Timer 256 Level
TPM	
Controller	Infineon SLB9670VQ2.0
Front Panel	
Power LED	1
HDD LED	1
I/O Ports	
USB 3.2	4
USB 2.0	2
RS232 / RS422 / RS485	4
GLAN	2
HDMI	1
DP	1
GPIO	16 bits (8 x GPI , 8 x GPO), 5V , 2 x D- SUB connectors
Storage	
Storage	1 x S ATA 3. 0
Expansion	
M.2	1 x M.2 M Key(PCI e Gen x 4 NVMe) 2280 1 x M.2 B Key (PCI e x 1 USB 2.0 with NANO SIM Holder, SATA 3.0) 2242 / 3042 1 x M.2 E Key (PCI e x 1 USB 2.0) 2230
Power Requirement	
Power Requirement	2 Pin power terminal block for DC in 12 ~ 24V (OCP & OVP)
OS support	
OS support	Win Pro 10 / Win 10 IoT (64 bit RS5) / Linux kernel 5.4 Ubuntu LTS
Mechanical & Environmental	
Operation Temp.	-20~60°C
Storage Humidity	10 ~ 90%, non-condensing
Mounting	Wall mount
Construction	Aluminum heatsink + Steel chassis
Dimension (W x D x H)	185 x 109 x 76 mm
Weight	1.3Kg
Optional	
External antenna (WIFI)	
External antenna (5GB LTE module)	

*Specifications subject to change without notice, not responsible for typographical errors.

Modified Date: 12-20-2022

MECHANICAL DRAWINGS:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: KTPC880-i5WT-12202022-V1