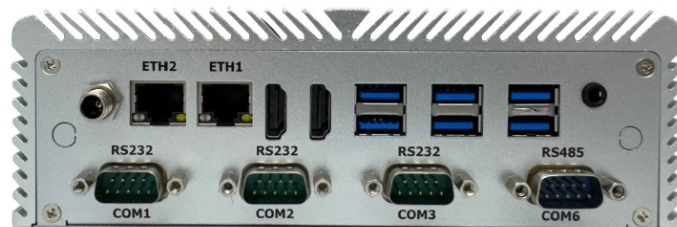


### Features

- Ultra Small, Palm size Fanless embedded system
- Intel 11th Core/Celeron Tiger Lake processor
- DDR4-3200 MHz, 2 x non-ECC SO-DIMM, up to 64GB
- Support triple displays for 2 x HDMI, 1 x LVDS/eDP
- Support 2 x M.2, 1 x Mini-PCIe (Support Wifi + 3G/4G), 1 x SATA
- 2 x Intel Gigabit Ethernet
- 4 x USB 2.0, 6 x USB 3.0, 6 x COM, 2 x HDMI, Optional 1 x GPIO
- DC 12V power input connector with lock or phoenix contact connector
- Wide Range VDC IN 9-36V (Optional)



### Core System

CPU	Intel Core i7-1195G7, Quad-core, up to 5.00GHz Intel Core i5-1135G7, Quad-core, up to 4.20GHz Intel Core i3-1115G4, Dual-core, up to 4.10GHz (For i7/i5/i3, TDP default is 15W, 12W/28W Bios optional)
System Memory	DDR4-3200 MHz, 2 x non-ECC SO-DIMM, up to 64GB
Chipset	Intel SoC Integrated
BIOS	AMI
Storage	1 x SATA 3.0 7P Connector (with 1 x SATA power header)
Watchdog Timer	1 - 255 steps by software program
Expansion Slot	Support PCIe x4 Gen.4 NVMe SSD, Gen.3 for Celeron 6305E 1 x M.2 Key-M Slot (PCIe x4 NVMe / SATA SSD, 2280) <b>SATA is default</b> 1 x M.2 Key-E Slot (PCIe + USB 2.0, Support Wifi + BT, 2230) 1 x Mini PCI-E Slot (PCIe + USB 2.0, Support Wifi +3G/4G, with 1 x nano-SIM card slot)
Power Input	1 x DC 12V power input connector with lock Optional: Phoenix contact connector Optional: Wide range 9-36V
Dimensions	182.12 x 130 x 59.85 mm
Weight	1.2 kg
Operating Temperature	-20°C to +70°C (-40°C to +85°C Optional)
Storage Temperature	-20°C to +75°C
Humidity	10% to 95% relative humidity, non-condensing

### System I/O

USB	6 x USB 3.0 (Optional extra 2 x USB 2.0)
Display I/O	2 x HDMI
Audio I/O	1 x Line-Out + MIC 2 in 1 4.0mm Jack
LAN I/O	2 x RJ-45, Intel GBE LAN Chip (10/100/1000 Mbps)
Serial Port	3 x RS-232, 1 x RS-232/485 (Optional extra 2 x RS-232)
PS/2 Port	-
Others	1 x 8-bit GPIO (Optional) 2 x COM, 2 x LAN, 2 x PoE, 2 x USB (Optional as expansion area) 6 x Antennas holes for Wifi/BT/3G/4G/5G (Optional)

### Internal Connectors

USB	
Display I/O	1 x LVDS/eDP
Audio I/O	Realtek ALC662 5.1 Channel HDA Codec
Serial Port	
Parallel Port	-
GPIO	8 bit GPIO (Optional)
Others	1 x Power LED Header 1 x Power Button Header 1 x System Reset Header 1 x HDD LED Header 1 x CPU FAN Header 2 x GSPi Header

### Graphics

Chipset	Intel Iris Xe (i7/i5) / UHD (i3) Graphics
VGA	-
HDMI	Up to 4096 x 2160 @ 30Hz
LVDS	Up to 1920 x 1200 @ 60Hz (default LVDS)
eDP	Up to 3840 x 2160 @ 60Hz (Max)

### Others

OS Support	Windows 10, Windows 11, Linux
Certifications	CE / FCC
Mounting	VESA mount 100 x 100 mm, DIN Rail with DIN Rail bracket (Optional) Wall Mount with Wall Mount bracket (Optional)

### Ordering Information

TBOX-i3-1115G4	With Intel Core i3-1115G4 processor, Dual-core, up to 4.10GHz
TBOX-i5-1135G7	With Intel Core i5-1135G7 processor, Quad-core, up to 4.20GHz
TBOX-i7-1195G7	With Intel Core i7-1195G7 processor, Quad-core, up to 5.00GHz
TEC-DR-01	DIN RAIL Mounting Kit
TEC-WM-01	Wall Mount Mounting Kit