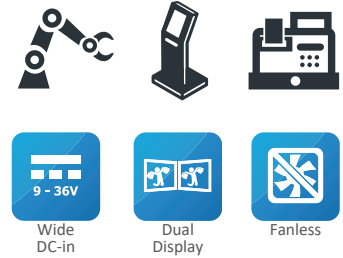


# IBOX-WHLO E TYPE

Fanless Box system with Intel® 8th Gen Core™ i7/i5/i3/  
Celeron® (Whiskey Lake-U) Processor

Performance Box PC



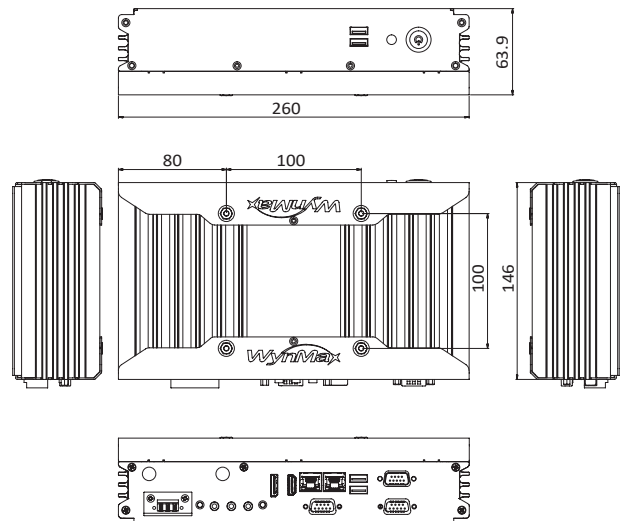
## Key Features

- Intel® 8th Gen Core™ i7/i5/i3/ Celeron®
- (Whiskey Lake-U) Processor support
- Dual display: 2 HDMI (DP)
- Two Intel Gigabit Ethernet ports
- 4 USB 3.1, 3 COM, 2 LAN, 1 Audio, 1DIO
- DC-in 12V
- Watchdog timer
- Supports Intel vPro, AMT technologies

## Product Specification

System color	Silver
Mechanical	Aluminum extrusion and heavy-duty steel
CPU	Intel® Core™ i7-8665UE 1.7GHz quad core processor (TDP 15W) Intel® Core™ i5-8365UE 1.6GHz quad core processor (TDP 15W) Intel® Core™ i3-8145UE 2.2GHz dual core processor (TDP 15W) Intel® Celeron® 4305UE 2.0GHz dual core processor (TDP 15W)
Chipset	Intel® Whiskey Lake-U integrated
Graphic	Intel® UHD 620 Gen. 9.5 Graphics
BIOS	AMI SPI Flash ROM
System memory	2 x 260-pin DDR4 2400MHz SDRAM; max. up to 32GB
System I/O	2 x HDMI (DP), 3 x COM (2 x RS232, 1 xRS232/422/485, RS485 with auto flow control), 4 x USB 3.1, 2 x LAN, 1 x Audio
Ethernet	2 x Gigabit Ethernet (Intel® I211)
Storage support	1 x 2.5" HDD , 1 x M.2
Audio	Mic-in, Line-in, Line-out
Expansion slot	1 x Mini-PCIe (Full size, SATA) 1 x M.2 M-Key 2280 (SATA, NVME); 1 x M.2 B-Key 3042
System indicators	1 x Power LED, 1 x HDD LED
System controls	1 x Power on switch
Watchdog timer	Interval: Programmable 1 ~ 255 sec. Output: System reset
OS Support	Win10, Linux
Power supply	Wide range DC-Jack 12V input
Operating temperature	0°C ~ 50°C (Optional -20°C ~ -40°C)
Storage temperature	-20°C ~ 80°C
Relative humidity	0% ~ 90% (non-condensing)
Mounting	Wall mount/VESA100 mount
Dimensions	260mm(W) x 146mm(D) x 63.9mm(H)
Weight	3.7 kg

## Dimensions



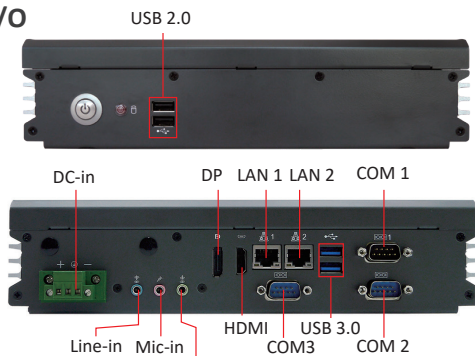
## Optional

Power cord	US (VN00000100CU) / EUR (VN00000200CU) / JP (VN00000300CU) / UK (VK00028600CU)
Power Adapter	90~264VAC.60W ADAPTER (VL22002000AH)

## Ordering Information

Part Number	description
IBOX-WHLO-4305-EN00-0000	Standard Type E Fanless BOX PC, Intel Celeron 4305UE 15W, 2DP, 3COM, 4USB/2LAN/1Audio, BAREBONE, DC Jack 12V
IBOX-WHLO-8145-EN00-0000	Standard Type E Fanless BOX PC, Intel Core i3-8145UE 15W, 2DP, 3COM, 4USB/2LAN/1Audio, BAREBONE, DC Jack 12V
IBOX-WHLO-8365-EN00-0000	Standard Type E Fanless BOX PC, Intel Core i5-8365UE 15W, 2DP, 3COM, 4USB/2LAN/1Audio, BAREBONE, DC Jack 12V
IBOX-WHLO-8665-EN00-0000	Standard Type E Fanless BOX PC, Intel Core i7-8665UE 15W, 2DP, 3COM, 4USB/2LAN/1Audio, BAREBONE, DC Jack 12V

## Rear I/O



\*All specifications and photos are subject to change without prior notice

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660