TEGUAR

TWB-5620

IP65 Waterproof Box Computer



Key Highlights

- 8th Gen. Intel Core i5-8265U Whiskey Lake Processor
- Full IP65 Waterproof / NEMA 4 Box PC
- Wide Operating Temperature 0°C to 50°C (Optional -20°C to 60°C)
- Ultra Compact, Aluminum Chassis with Fanless Design
- 9~36V DC Power Input with Isolation

VIEW ONLINE

The TWB-5620 is a fully waterproof, IP65 and NEMA 4 rated box computer with an Intel i5-8265U Whiskey Lake processor. This waterproof embedded mini computer is fully sealed, fanless, and has a rugged aluminum chassis, ideal for use in damp or dusty environments. The TWB-5620 includes an one M.2 slot for the solid state drive and one M.2 slot for expansion for WiFi and Bluetooth. This computer offers a variety of I/O ports including 2x LAN, 3x USB, 1x RS-232, and 1x HDMI as well as a 9~36VDC power input. The TWB-5620 can be used in a wide variety of applications that require a rugged and compact computer. **This product is now considered "Previous Generation" meaning it may or may not still be available for purchase. Call +1 800 870 7715 for details on this product or check out our full list of currently available Waterproof Box PCs.**

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 8th Generation Whiskey Lake-U
Processor Model	Core i5-8265U
Processor Speed	1.6 GHz
Memory Type	1x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	M.2
Storage Support	32GB-1TB

Power

Input Voltage Range	9-36V DC
Max Power Consumption	50W

Compatibility

Security Hardware	TPM 2.0

Thermal & Environmental

Operating Temperature	0°C - 50°C (32°F – 122°F), -20°C - 60°C (Optional -4°F – 140°F)
Cooling Solution	Passive – Fanless
Humidity Range	10% – 95% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional WiFi

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

External I/O Ports

USB	3x USB 2.0
Serial / Com	1x COM
Serial Protocol Detail	1x RS-232, 1x extra RS-232 (Optional)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	1x HDMI
Other Ports	Optional GPIO
Audio Ports	1x Optional Audio Line-In, 1x Optional Audio Line-Out
Power Input Port	M12 type 3-PIN DC-in

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro

Expansion Slots

Video Card Support	Intel HD Graphics 620

Enclosure

Material	Aluminum
IP Rating	IP65
Color	Silver
Led Indicator Light	HDD Access, LAN, Power

Weight / Dimensions

Weight	3.2 kg (7.1 lbs)
Dimensions	260.4 x 168 x 50 mm (10.3 x 6.6 x 2.0 in)

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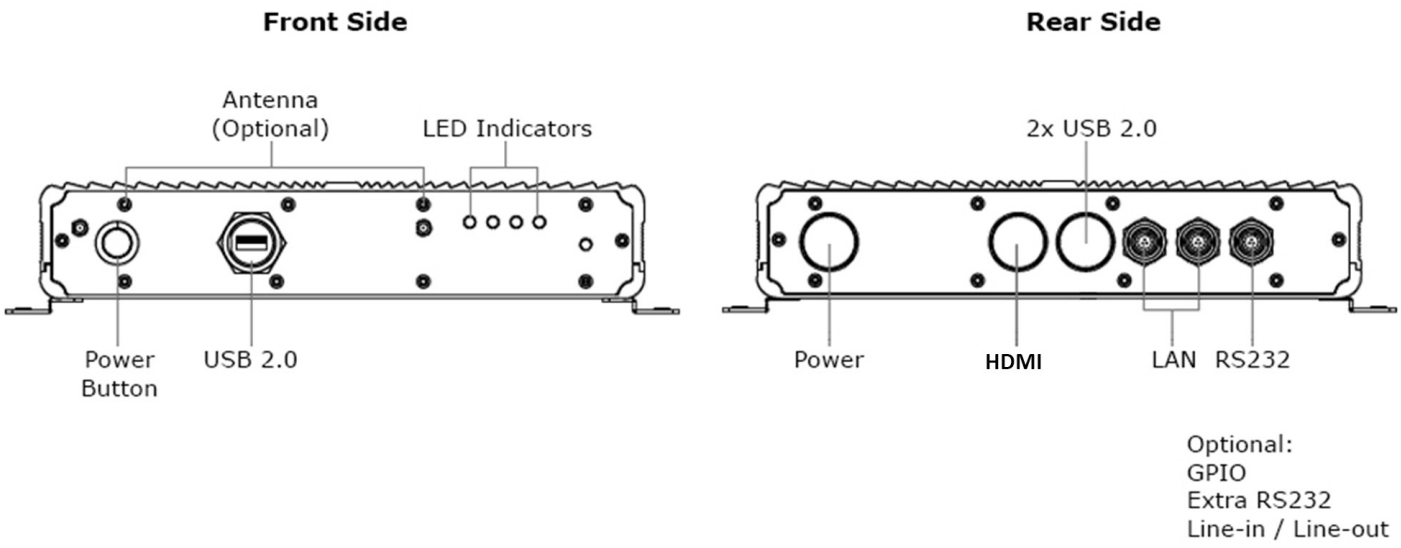
I/O Diagram Images



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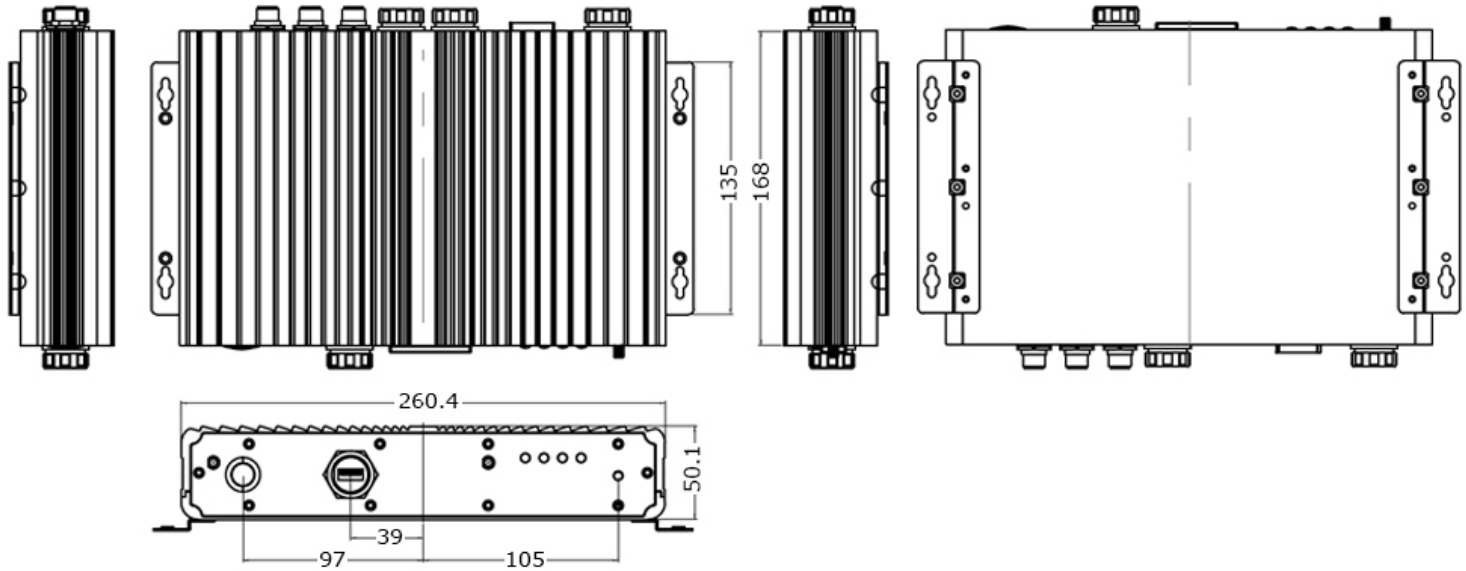
Tech Diagram Images



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