

TWB-4810

Stainless Steel IP69K Box PC



Key Highlights

- Intel Celeron J6412 Processor Passmark Rating 3850
- IP66/IP69K Stainless Steel Enclosure
- Optional WiFi 6
- M12 Input Connectors with Optional Cable Glands
- Low Power Consumption- 35W

[VIEW ONLINE](#)

With an IP66/IP69K rating, the TWB-4810 is ideal for industrial environments that require a rugged and compact solution. Whether opting for cable glands or waterproof M12 connectors, your connectivity needs are expertly addressed even in wet conditions. The Stainless Steel IP69K Box PC conserves energy and has lower operation costs because of the low power consumption at only 35 watts. The Celeron J6412 processor is efficient, and the fanless design ensures quiet operation. With optional WiFi 6 capability, the TWB-4810 guarantees seamless connectivity in remote or demanding locations, while its four mounting holes enable effortless adaptation to any workspace for versatile wall installation.

USA

Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE

Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA

Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412 Quad
Processor Speed	2.0 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x M.2 M Key, PCIe or SATA, 2242 default or 2280
Storage Support	64GB-1TB

Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 3042/3052 Key B (For 4G/5G Cellular expansion option)
--------------	---

Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive - Fanless
Humidity Range	10% - 90% Non-condensing
Storage Humidity	10% - 90% Non-condensing

Weight / Dimensions

Weight	6 kg kg (13.2 lbs)
Dimensions	363 X 274 X 48 mm (14.3 in)

External I/O Ports

USB	2x MI2 8Pin for USB 1/2 and USB 3/4
Serial / Com	2x MI2 8-pin for COM
Serial Protocol Detail	2x RS-232/422/485 (configured in BIOS)
Ethernet / LAN	1x MI2 8pin RJ45 Gbe LAN
Other Ports	Cable Gland option allows for more IO options including USB 3.2 and Dual Video Output
Power Input Port	MI2 type 5-PIN DC-in

Power

Input Voltage Range	12-28V DC
Max Power Consumption	35W
Standard Power Adapter	AC/DC Adapter, output 24V, 5A, 120W, IP68

Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K
Color	Silver, Stainless Steel
Mounting Options	Wall Mount

Certification

Certifications	ANSI C63.4, CE, EN 55032/55035 and CISPR 32/35, FCC Class A, IEC 61000-3-2 (EMC), IEC 61000-3-3 (EMC), VCCI
----------------	---

Warranty

Warranty	Up to 5 Years
----------	---------------

Specifications subject to change.

USA

Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

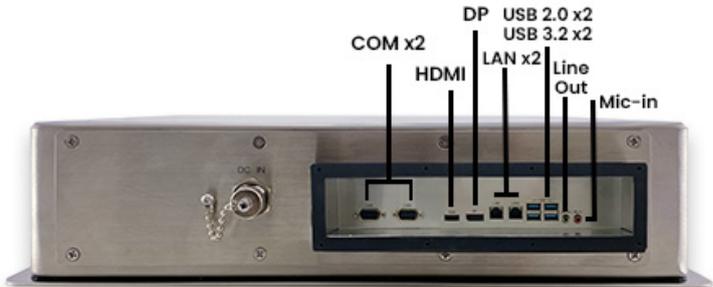
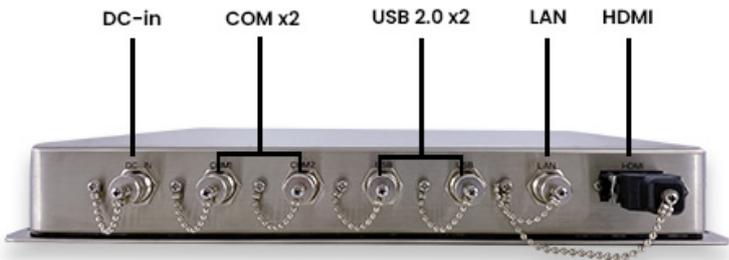
EUROPE

Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA

Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

I/O Diagram Images



USA

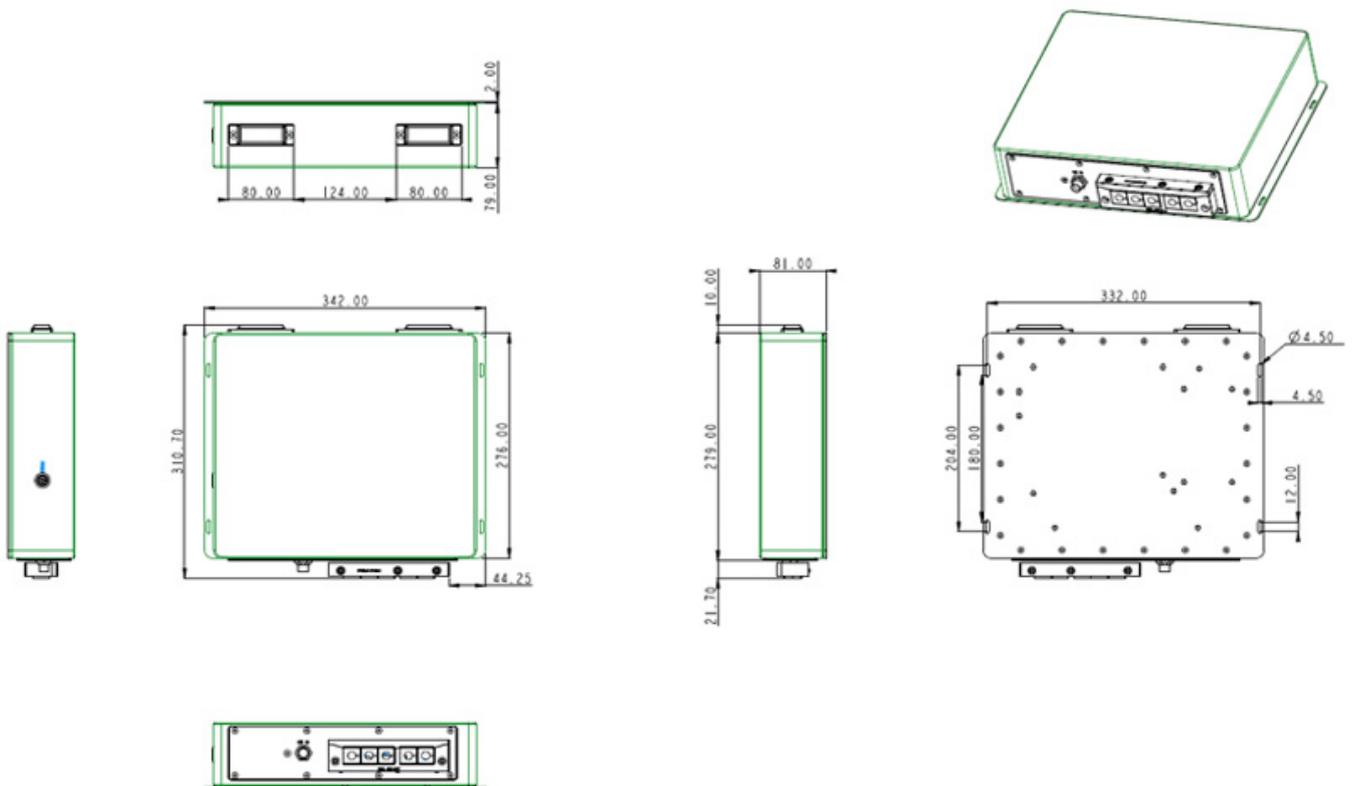
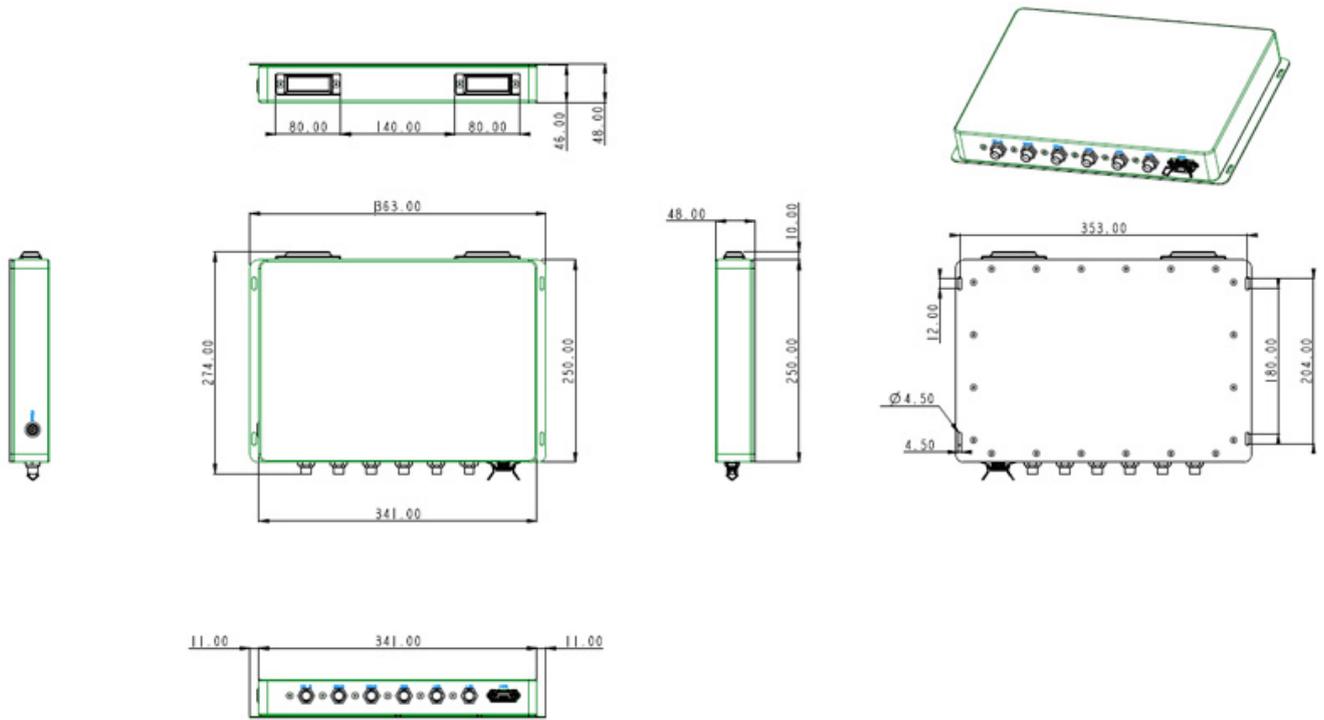
Teguar
 2920 Whitehall Park Drive
 Charlotte, NC 28273
 +1 866-693-3105
 sales@teguar.com

EUROPE

Teguar Europe AG
 Churerstrasse 54, CH-8808
 Pfäffikon, Switzerland
 +41 41 561 53 11
 sales.EU@teguar.com

ASIA

Teguar Taiwan Ltd.
 Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
 Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
 +886 2 7751 5319
 sales@teguar.com.tw



USA

Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE

Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA

Teguar Taiwan Ltd.
Rm. A, 28F-12, No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw