TEGUAR

TSC-4810-15

15" Cable Gland Computer



Key Highlights

- 15" Resistive or PCap Touchscreen Options
- Intel Celeron J6412 Processor Passmark Rating 3839
- Windows 11 Capabilities
- Integrated Cable Gland supporting up to 5 I/O cables
- IP69K Waterproof Rated

VIEW ONLINE

The 15" Cable Gland Computer is a powerhouse of industrial computing, featuring a responsive Windows 11 operating system and a reliable Celeron J6412 CPU. Its standout feature is its IP69K waterproof rating, making it impervious to the rigorous cleaning processes in food and meat processing facilities. The integrated cable gland, supporting up to five I/O cables, facilitates efficient cable management and ensures a sealed design. With WiFi 6 capabilities, it offers high-speed, seamless wireless connectivity, enhancing productivity in these demanding environments. This robust 15" computer is the perfect solution for industries where durability, hygiene, and efficient performance are of key importance.

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	2.0 GHz, Up to 2.6 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD (Internal, not with removable drive in use), 1x M.2 SATA3 2242 Slot
Storage Support	M.2 and 2.5": 128GB - 1TB

External I/O Ports

USB	2x USB 2.0, 2x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	RS-232/422/485
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x HDMI 2.0b, 1x VGA
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	M12 type 5-PIN DC-in

Thermal & Environmental

Operating Temperature	0°C - 40°C - 0°C - 50°C (32°F – 104°F (With HDD), 32°F – 122°F (With SSD))
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

Peripherals & Wireless Connectivity

WiFi	Optional Wi-Fi 6 (802.11 a/b/g/n/ac/ax) Dual band with Flat Robust Antennas
Bluetooth	Optional Bluetooth 5.3
Barcode Scanner	Optional 1D/2D with Device Box

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

Display

Screen Size	15"
Screen Resolution	1024 x 768 (XGA)
Screen Ratio	4:3
Brightness	350 nits

Touch Screen

Touch Screen	5 Wire Resistive, Projected Capacitive (Multi-touch)
Hardness	Resistive: 3H, P-cap: 7H

Power

Input Voltage Range	12-28V DC
Standard Power Adapter	100~277Vac /47~63 Hz/ 24Vdc, 120W, IP68

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 IoT, Windows 11 Pro

Compatibility

Security Hardware	fTPM 2.0, Optional TPM 2.0

Multimedia

Speakers	Optional Speaker

Enclosure

Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K
Color	Stainless Steel
Control Buttons	Power Button
Mounting Options	VESA 100 Mount, Wall Mount, Yoke Mount

Weight / Dimensions

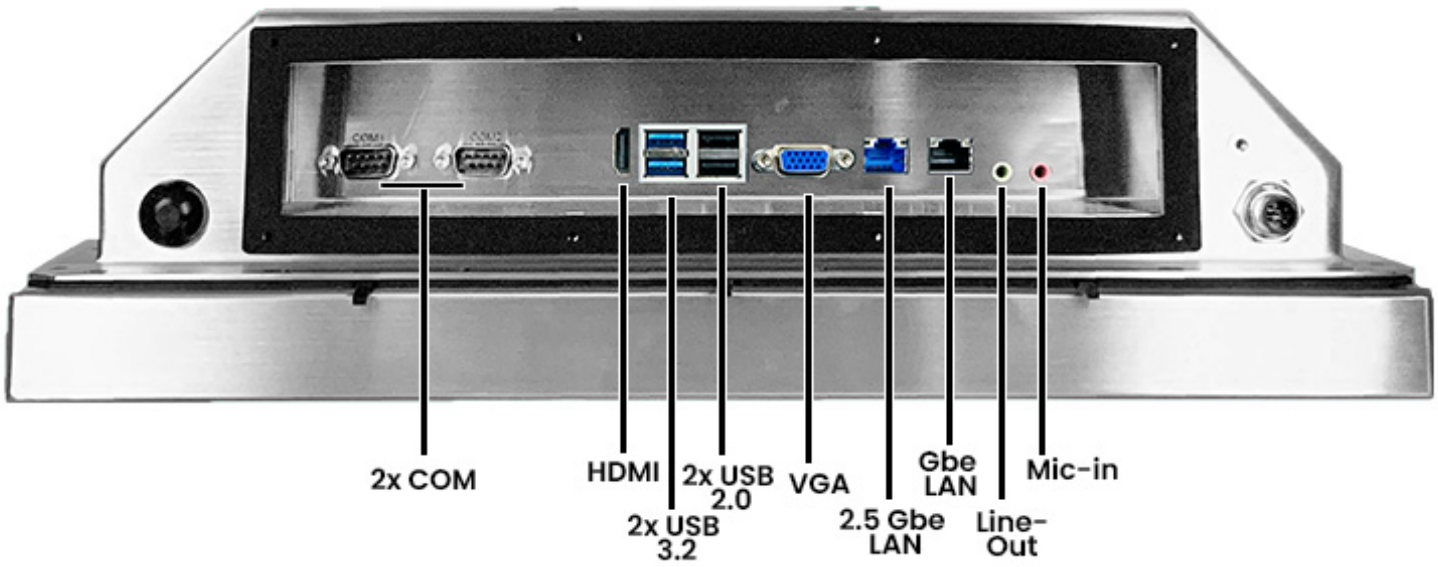
Weight	8.4 kg (18.5 lbs)
Dimensions	395 x 58 x 309.5 mm (15.6 x 2.3 x 12.2 in)

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I/O Diagram Images

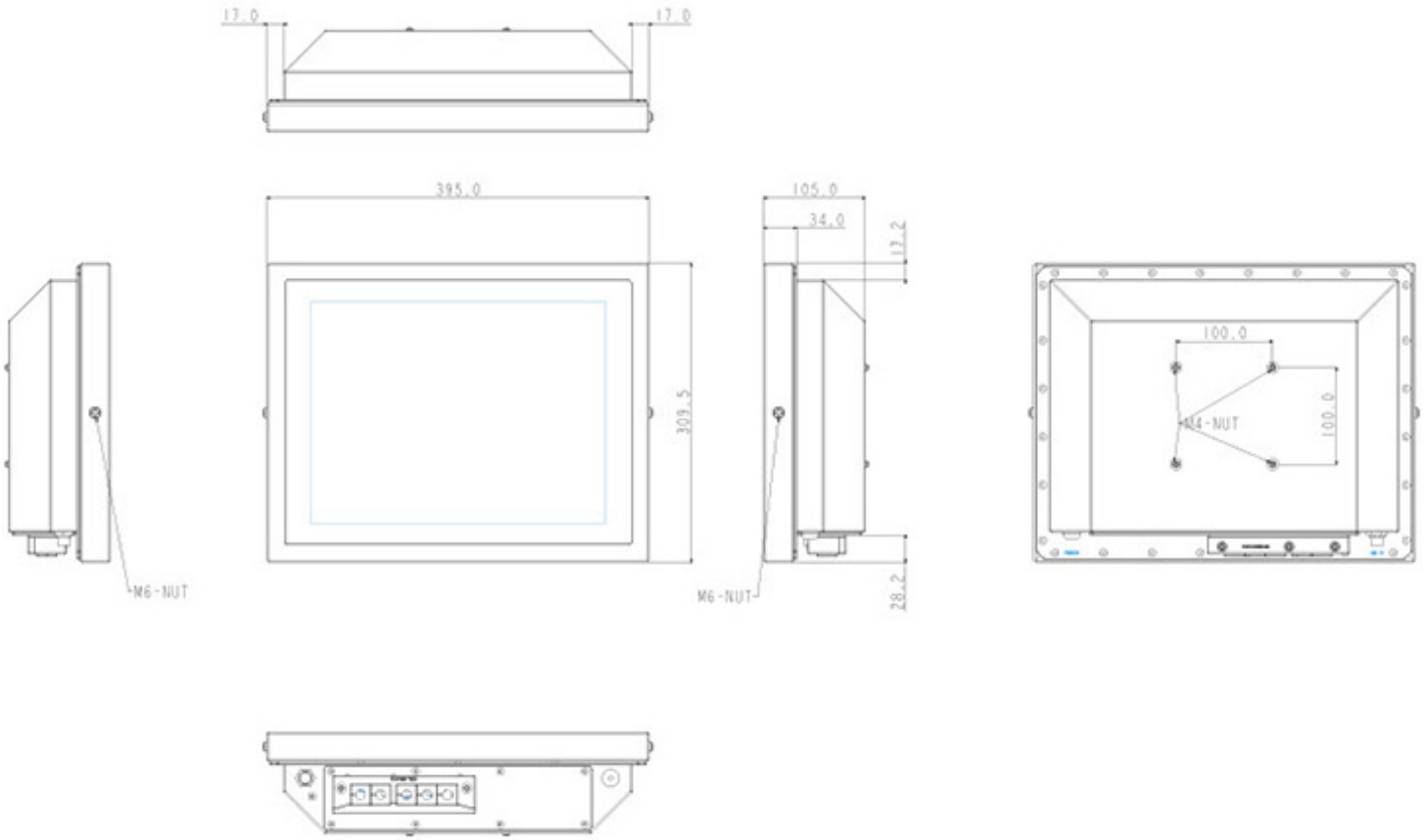


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Tech Diagram Images



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