

TRT-3493-12

12" Ruggedized Tablet



Key Highlights

- Intel Apollo Lake Quad-Core CPU
- NFC reader for RFID
- Weighs less than 2lbs (.9kg), the lightest rugged tablet in its class
- Gorilla Glass screen and rugged shock-absorbing frame
- Includes 1x Hot Swappable Battery

[VIEW ONLINE](#)

The Teguar TRT-3493-12 represents the ultimate in tablet versatility. Like all of Teguar's rugged tablets, the TRT-3493-12 has a Gorilla Glass screen and a drop rating of 4ft at any angle, making it suitable for even the most demanding applications. What sets the TRT-3493-12 apart is its modularity. Thanks to a variety of desktop and vehicle docking solutions offered, the TRT-3493-12 has the ability to be mounted or stored virtually anywhere. When it's time to take the TRT-3493-12 back into the field, users can utilize the back handstrap or a shoulder strap, both included with the tablet. Removable batteries with charging stations can also be provided to further increase operational time between charges. [> Read an independent review of this tablet on RuggedPCReview.com](#)

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Technical Specifications

Primary Components

| | |
|------------------|--------------------------------------|
| Processor Family | Intel Pentium Apollo Lake |
| Processor Model | N4200E |
| Processor Speed | 1.1 GHz |
| Memory Type | Onboard LPDDR4 |
| Memory Support | 8GB |
| Storage Type | M.2 |
| Storage Support | M.2 128GB Standard, (Optional 256GB) |

Power

| | |
|------------------------|------------------------------|
| Input Voltage Range | 19V DC |
| Standard Power Adapter | AC to DC, DC 19V 65W Adaptor |

Battery

| | |
|------------------------|------------------------------------|
| Battery Type | Hot Swappable 7.6V/2570mAh Battery |
| Battery Operating Time | 4.2hrs |

Compatibility

| | |
|-------------------|---------|
| Security Hardware | TPM 2.0 |
|-------------------|---------|

Multimedia

| | |
|------------|--|
| Speakers | 2x 0.8W Speakers |
| Camera | Front: 8MP Auto Focus w/flash, Rear: 8MP |
| Microphone | Built-in Microphone |

Enclosure

| | |
|-------------------------------|---------------------------------------|
| Material | Plastic |
| IP Rating | IP65 |
| Color | Black |
| Led Indicator Light | Charging Indicator, Power |
| Control Buttons | Audio Down, Audio Up, Power Button |
| Programmable Function Buttons | 3x Programmable Function Keys |
| Shock Rating | MIL-STD-810G Shock and Drop Resistant |
| Drop Rating | 4ft Drop Protection |

Certification

| | |
|----------------|---------------|
| Certifications | CE, FCC, VCCI |
|----------------|---------------|

Display

| | |
|--------------|----------------------------|
| Screen Size | 11.6" |
| Screen Ratio | 16:9 |
| Brightness | 300 nits, Optional 500 nit |

Touch Screen

| | |
|--------------|------------------------------------|
| Touch Screen | Projected Capacitive (Multi-touch) |
| Glass Type | Gorilla Glass 3 |

External I/O Ports

| | |
|------------------|--------------------------------------|
| USB | 1x USB 3.0 |
| Audio Ports | 1x 3.5mm Audio Line-Out |
| Power Input Port | 3.5mm DC-in Jack, Pogo Pin Connector |

Operating Systems

| | |
|---------|--|
| Windows | Windows 10 IoT |
| Linux | Linux CentOS 7, *Limited Configuration (Contact your sales rep for more information) |

Expansion Slots

| | |
|--------------------------|---|
| Expansion Module support | Desktop Dock or Vehicle Dock with I/O Extension support |
|--------------------------|---|

Thermal & Environmental

| | |
|-----------------------|-----------------------------|
| Operating Temperature | -10°C - 50°C (14°F - 122°F) |
| Storage Temperature | -20°C - 60°C (-4°F - 140°F) |
| Humidity Range | 10% - 90% Non-condensing |
| Storage Humidity | 10% - 90% Non-condensing |

Peripherals & Wireless Connectivity

| | |
|-----------------|--|
| WiFi | WiFi 802.11 (a/b/g/n/ac) |
| Bluetooth | Bluetooth 4.2 |
| Barcode Scanner | Optional 1D/2D Barcode Scanner, Swift Software Decoder |
| RFID | NFC |
| Sensors | Accelerometer, Gyroscope, Light Sensor |

Weight / Dimensions

| | |
|------------|---|
| Weight | 0.895 kg (2.0 lbs) |
| Dimensions | 307.9 x 207.9 x 29.3 mm (12.1 x 8.2 x 1.2 in) |

Warranty

| | |
|----------|--------|
| Warranty | 1 Year |
|----------|--------|

Specifications subject to change.

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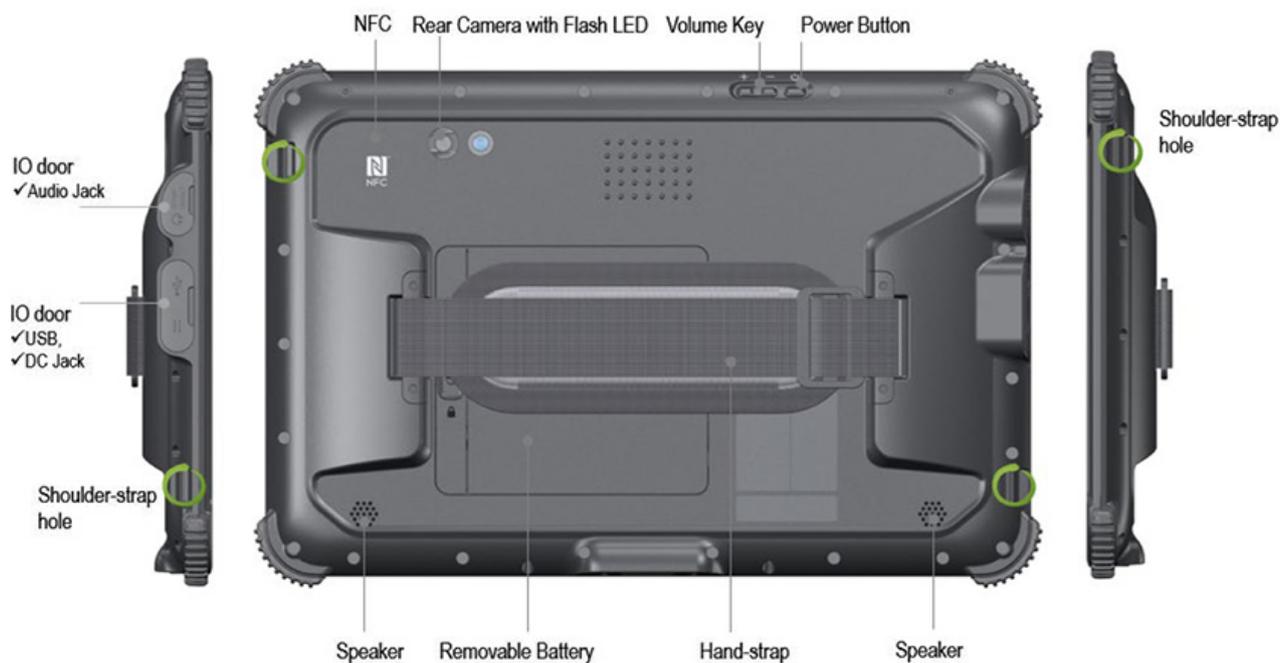
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I/O Diagram Images



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Tech Diagram Images



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