

# Transduction

## TR-W11-V2-RM

### 12th Generation Intel Alder Lake N

TR-W11-V2-RM 1U Industrial Rack Mount Computer for Win 10/11



- SOLID  
- RELIABLE  
- EFFICIENT  
- CONNECTED  
- HOT SWAP  
- PLENTIFUL PORTS

#### Features

- Computing power with Intel 12th generation N50 processor.
- Intel Alder Lake N chipset.
- 1 x DDR5 SO-DIMM 4800MHz DIMM socket, supports up to 16GB non-ECC memory.
- Enclosure made of aluminum.
- External 4K graphics on 1x DisplayPort and 1 x HDMI ports.
- 0 ~ 50°C (32 ~ 122°F) operating temperature with full software load, 60°C (140°F) for 2 hours.
- Multiple I/O functions: 2 x USB2.0 ports, 2 x USB3.2 ports, 3 x RS232 ports, 2 x I226-V 2.5 LAN ports and 1 x audio (Mic-in & Line-out).
- High speed 2.5" SATA III SSD or NVMe SATA SSD.
- Universal AC 90 - 265V power, 50/60Hz, 10W max.
- Manufactured by Transduction.
- Warranty 3 years with telephone service support for life.

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### TR-W11-V2-RM

TR-W11-V2-RM 1U Industrial Rack Mount Computer for Win 10/11

#### Specifications

##### Model

- TR-W11-V2-RM 1U rack mount aluminum chassis

##### Processor

- 12th Generation Intel N50, burst 3.4Ghz.

##### Chipset

- Intel Alder Lake N

##### BIOS

- AMI BIOS, ACPI supported

##### Memory

- 1 x DDR5 SO-DIMM 4800MHz up to 16GB

##### LAN

- 2 x Intel I226-V 2.5 Gigabit LAN

##### Graphics

- Intel® HD Graphics., external 4K on 1 x DisplayPort or 1 x HDMI port
- Dual independent display support

##### Real Time Clock

- Lithium battery backup

##### Storage

- 2.5" SATA III SSD or NVMe SATA SSD with POWER-GUARD to prevent bad blocks at loss of power

##### I/O Chipset

- Nuvoton NCT6126D (eSPI)

##### I/O Ports

- 1 x HDMI, 1 x DisplayPort, 2 x USB2.0 ports, 2 x USB3.2 ports, 2 x LAN, 3 x RS232 ports, 1 x Line OUT/ Mic-IN

##### TPM

- Optional TPM2.0 security module

##### Hardware Monitoring

- Temperature, voltage and fan

##### Watch-Dog Timer

- Generates system reset: 255 levels

##### Weight/Dimensions

- Weight - 2kg (4.4 lbs)
- Dimensions - 9.00" (D) x 19.00" (W) x 1.75" (H)

##### Operating Temperature

- 0 ~ 50°C (32 ~ 122°F), 60°C (140°F) for 2 hours

##### Operating Humidity

- Relative humidity 10 ~ 95%, non-condensing

##### Storage Temperature

- -40 ~ 85°C (-40 ~ 185°F)

##### Storage Humidity

- Relative humidity 10 - 45%, non-condensing

##### Power

- Universal AC 90 - 265V, 50/60Hz
- Power consumption - 10W max.
- Optional DC power - 12, 24, 48, 125 and 250VDC

##### Shock & Vibration

- 25G and 5G

##### Applicable QA Standard

- ISO 9001:2015
- Safely packaged to standard ASTM-D3951

##### Warranty: 3 years

##### Compatible with Windows 11, Windows 10 and Ubuntu LINUX 20.04/kernel 5.0 or lower

##### Additional Options

- Size of memory and SSD
- RAID1 option
- TPM2.0 security module
- Intel wireless with 2 antennas
- 12, 24, 48, 125 or 250VDC input power
- Warranty of 5 years