

# CareSense server

**Art.: ERTS0001-70**

## Description

### What is a CareSense server?

The CareSense Server is a high-performance computing unit designed for processing and analyzing data collected by the CareSense sensor. It enables fast, local execution of machine learning algorithms and accurate real-time event detection, ensuring reliable performance.

## Features

- Powerful Multi-Core CPU
- Professional NVIDIA GPU
- 32GB High-Speed RAM
- 1TB NVMe SSD
- Efficient Cooling System

## Benefits

- Handles demanding processing tasks with ease
- Enables fast AI computation and visualization
- Delivers fast storage performance and quick system response
- Ensures reliable 24/7 operation
- Processes data locally for low latency and high privacy

## Best Settings

- Elderly Homes.
- Emergency Departments.

## Technical specification

### CPU

- High-performance 10-core processor with multi-threading and dynamic turbo boost

## **GPU**

- Dedicated professional graphics card with 16GB ECC memory

## **RAM**

- 32GB DDR4 system memory (dual-channel configuration)

## **SSD**

- 1TB high-speed NVMe solid-state drive (PCIe Gen 4)

## **PSU**

- 750W modular power supply with high energy efficiency (Gold-certified)
- Power Input: ~300–350W under typical operational load
- Typical Power Draw: 100–240V AC, 50/60Hz

## **MB**

- ATX form factor motherboard, performance-optimized

## **Chassis**

- Mid-tower case with tempered glass side panel and enhanced airflow design

## **Connectivity**

- High-speed USB (Gen1/Gen2), Display and Audio outputs, Gigabit LAN

## **Dimensions and Weight (Net)**

- W:210mm / H:450mm / D:426mm
- Approx. 10kg

## **Material (housing)**

- Main Structure: Reinforced steel and ABS plastic
- Side Panel (Left): Tempered glass

## **Operating Conditions**

- Operating Temperature: +5°C to +40°C
- Operating Humidity: Up to 85%, non-condensing

\*Disclaimer: All product specifications, including dimensions, weight, features, and performance, are subject to change. To ensure accuracy, please verify all details before purchase.