NTT®

TECHNOLOGY

SPECIAL PURPOSE COMPUTER

WE OFFER DESIGN AND PRODUCTION OF A COMPUTER FOR WORK IN DIFFICULT CLIMATE AND MECHANICAL CONDITIONS. COMPUTERS ARE PASSIVELY COOLED WITHOUT ANY MECHANICAL FANS.

WE CHOOSE A CONFIGURATION TO ENSURE THE REQUIRED PERFORMANCE ACCORDING TO THE ORDERING PARTY'S REQUIREMENTS, WE PROVIDE THE RIGHT CONNECTORS IN INDUSTRIAL AND MILITARY STANDARDS.

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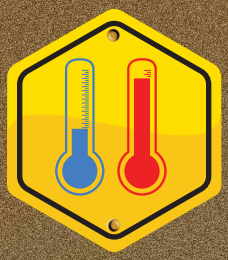
WORK PARAMETERS:

ENVIRONMENTAL REQUIREMENTS:



IN THE FIELD OF CLIMATE REQUIREMENTS, THE COMPUTER MEETS THE FOLLOWING TEMPERATURE REQUIREMENTS:

- WORKING TEMPERATURE: -30°C – +50°C
- STORAGE TEMPERATURE: -40°C – +60°C

IN PROTECTION, THE COMPUTER MEETS INDEX IP67 REQUIREMENTS.

MECHANICAL REQUIREMENTS:

IN THE FIELD OF MECHANICAL STRENGTH, THE COMPUTER IS RESISTANT TO THE FOLLOWING FACTORS:

- SINUSOID VIBRATIONS
  - ACCELERATION AMPLITUDE: 50 [M/S2]
  - FREQUENCY RANGE: 1- 300 [HZ]
- MULTIPLE MECHANICAL IMPACT
  - PEAK UP IMPACT 150 [M/S2]
  - DURATION OF IMPACT IMPULSE DURATION 1- 5 [MS]

THE SIZE AND SHAPE OF THE CASE WILL BE RELATED TO THE POWER CONSUMED BY THE CONFIGURATION NECESSARY FOR EFFICIENT OPERATION OF THE APPLICATION. FOR EXAMPLE,THE CONFIGURATION CONSUMING 120W COOLED PASSIVELY AT AMBIENT TEMPERATURE UP TO 55°C FITS IN THE DIMENSIONS (W/H/D) 330X130X240 [MM].

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