



C O M B O X
T E C H N O L O G Y

COMBOX CONTAINER A-480

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Mobile system COMBOX A-480 with air-cooling includes 480 graphics cards RX 570. The system, created on the basis of a standard 20-foot container, can be quickly delivered and installed in a place where the optimal conditions for connection to the mains are provided. The solution is designed for outdoor installation and does not require long and expensive room preparation.



There are racks inside the container with 40 compute units COMBOX A-12.

The container is cooled by a powerful ventilation unit with air filtration system. It significantly cuts down dust in the computer units and extends the life of the graphics card fans.

Computing units, server, fire extinguishing system, ventilation, DMCS, ACS unit are combined into a single system. It can provide with the autonomous operation without human intervention. Remote control is carried out by an authorized user via messenger or SSH and manages all components of the system. The diskless network download of computing units provides you to quickly update the software.

System features::

- Computing power of the system: 14 GH/s on ETH
- High availability for parallel computing, neural network training, Digital Intelligence
- Fully automatic system
- Industrial computing boards SMART A-6 are applied
- Remote control of all system components
- Dimensions: a standard container 20 feet
- Duty cycle: 24/7
- Temperature limits: -40 to + 30
- Cooling system: containment system with filtration.
- Fire extinguishing system: gas, automatic
- Power consumption: 110 kW
- Monitored LED lighting
- Security system with access control
- Two videocams with IR lightning
- Motion sensor
- Door opening sensor
- Pre-heating system to launch at high negative temperatures
- Automatic and manual controlled powerful ventilation system