InetSupervisor™

RHEA
InetSupervisor hardware platform

Web-Based Graphical User Interface
Enterprice data collection and reporting

Made in USA

GSA Advantage!®

Features and Specifications

Rhea network appliance is pre-loaded with the following software:

Quark Communications, Inc.:
  HMI web portal
  LNS LonWorks driver
  Modbus Master RTU/TCP driver
  Q1 Plugin, a device manager
  NetManager with network management lite.

Microsoft:
  Windows 7 Embedded
  SQL Server 2016- Database Server
  Web Server IIS
  .

Hardware Platform
  Intel Celeron Processor, dual core
  4Gb RAM included, and is expandable to 8GB.
  10/100/1000 NIC
  50Gb Solid State Drive for trend, alarm, and application storage
  I/O Ports: 4xUSB, 1xHDMI video, 1xVGA.

Chassis
  Metal Enclosure

  Dimensions: 4.7(W)x4.7(H)in

  Intended for indoor wall mounting only

  Cooling: Passive cooling, fan-less.

Optional Hardware Upgrades
  FTT-10 LonWorks network interface
  RS485 network adapter

Environment
  Storage temp: 0℃ - 50℃ (32°F - 122°F)
  Operating temp: 0℃ - 40℃ (32°F - 100°F)
  Relative humidity: 5% - 95%, non-condensing

  Power supply 15-19V DC.
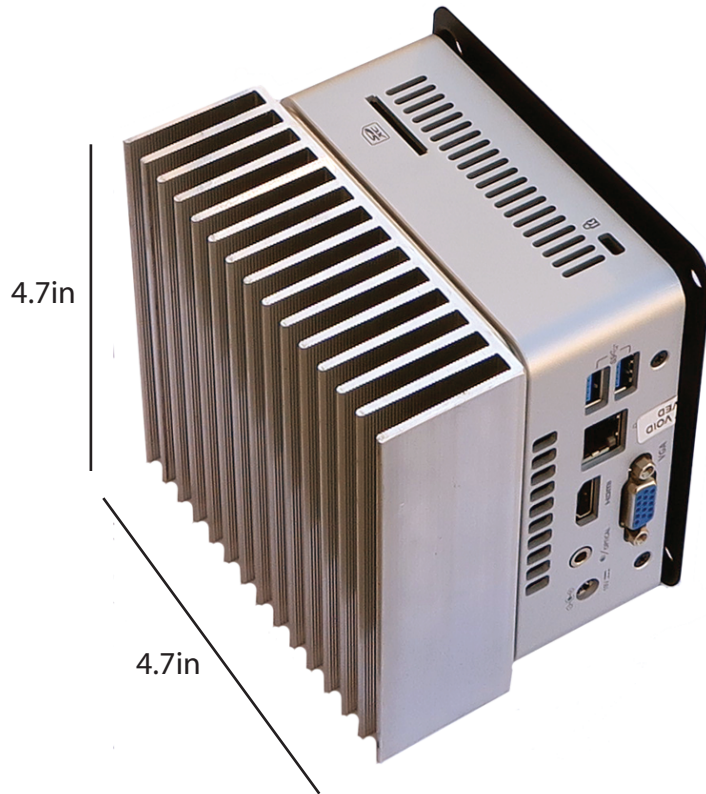 Rhea requres a power supply, two types are available:
  Consumer grade power supply
  part number: 2300-Brick
  or
  Industrial power supply part number: 2300-PSU
  Power supplies are ordered separately.

4.7in

4.7in

Rhea server is a hardware platform for hosting the InetSupervisor software suite. Rhea ships in a wall mount enclosure suitable for indoor equipment rooms. It is capable of serving web-based GUI for small controls networks. Users can seamlessly integrate LonWorks, ModBus, etc. with many legacy systems to provide unified controls networks. The InetSupervisor suite includes an Open-Architecture browser-based graphical interface allowing users to view and manipulate underlying systems without the need of dedicated workstations or client software.

Standard web development software or built-in webEditor can be used to create stunning graphics with standard images jpg, gif, png, bmp, swf, and many others. InetSupervisor technology updates data screens in background eliminating the need for page refreshes, maximizing the user experience. Rhea server provides a distributed system when multiple units are networked together for scalability and reliability. Multiple Rhea servers can be installed for schedule backup and redundancy purpose on a single network.

Features:
- Create high-performance, large, flat-line-of-communication, open LonWorks networks.
- Create InetSupervisor Enterprise-Architecture sutable for very large networks.
- Preserve LNS and open system specs.
- No-cost updates for 1 year.
- Fan-less, quiet operation.
- No spinning hard drives for long lasting performance.
- Any imported data point can be shared with third party by BACnet IP or Modbus TCP protocol.
- AES-256 Encryption on login, and communication between multiple Rheas and data transfers to remote browsers.
The encryption is designed for applications such as remote metering data collection.