

The QL J600 is a compact, embedded controller/server platform. It combines integrated control, supervision, data logging, alarming, scheduling and network management functions with Internet connectivity and web serving capabilities in a small, compact platform. The QL J600 makes it possible to control and manage external devices over the Internet and present real-time information to users in web-based graphical views.

The QL J600 is ideal for smaller facilities, remote sites, and for distributing control and monitoring throughout large facilities. Optional input/output modules can be plugged in for applications where local control is required. The QL J600 also supports a wide range of field busses for connection to remote I/O and standalone controllers. In small facility applications, the QL J600 is all you need for a complete system.



- *Embedded PowerPC Platform@ 524MHz*
- *Supports open and legacy protocols*
- *QNX Real-time Operating System*
- *Web User interface (standard) serves rich graphical browser presentations*
- *Run stand-alone control, energy management, and integration applications within the QL J600 series controllers*
- *Supports two optional communications boards*
- *Optional 16 and 34 point I/O Modules*

BACNET INTERFACE UNIT

Specifications

Platform

- PowerPC 440 524 MHz processor
- 128MB DDR RAM & 128 MB Serial Flash
- Optional 256 MB DDR RAM
- Battery Backup
- Real-time clock

Operating System

- QNX Real-time Operating System
- IBM J9 JVM Java Virtual Machine
- NiagaraAX 3.4 or later

Power Options

- Direct connect (Pin compatible) with the NPB-PWR & NPB-PWR-UN power supplies.
- Modules can be powered directly from select J600 models with 15VDC outputs.
- External 15 VDC power supply
- DIN rail or surface mounting

Chassis

- Construction: Plastic, din rail or screw mount chassis, plastic cover
- Cooling: Internal air convection

Environment

- Operating temperature range: 0° to 50°C (32°F to 122°F)
- Storage Temperature range: 0° to 70°C (32°F to 158°F)
- Relative humidity range: 5% to 95%, non-condensing