



RCK Embedded Controller 855 Model B Specifications

Software

OS	Windows XP Embedded
Applications	RCK Embedded ACS Software Suite: <i>Alarm Controller, Datalog Controller, Event Log Controller, Event Manager, PID Controller, Pump Controller, Scripting Controller, Valve Controller</i>
Drivers	BACnet, MicroSmart, Mystic, Modbus, Optomux, SMTP, WCTP

Electrical

CPU	1.8Ghz
PC/104 Interface	CV: 16-bit, non-stackthrough
PC/104-Pluse Interface	32-bit PCI, non-stackthrough
Ethernet	10/100 megabits/second with RJ-45 connector
USB 2.0	Four ports
Serial Interface	4 Serial channels: two with RS-232 levels two with RS-232/422/485 levels
802.11	Optional miniPCI card supported
V _{cc}	+5V ±5% at 4.25 A typical

System Memory

Addressing	512 MB 200-pin SDRAM (optionally 1GB)
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Solid State Disk

CompactFlash	One Type II socket: 4GB (optionally 8GB)
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Mechanical

Dimensions	6.5" x 9.0" x 4.0" with Wallmount Tabs
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Connectors

Keyboard	Standard PS/2 or USB interface
Mouse	Standard 5-pin or USB interface
USB	4 standard size USB ports
Serial	4 standard DB-9
Video	Standard VGA connector
Ethernet	RJ-45
Power	5 slot screw terminal
Antenna	Type N Female

Environmental

Operating Temperature	-40 degrees C to +70 degrees C without fan -40 degrees C to +85 degrees C with fan
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