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# SR9000 Smart Star Systems



<b>Ordering Info</b>	<b>Check Out</b> 	<b>Order by Phone!</b>
<b>Int'l Customer Ordering Info</b>		<b>1.530.757.8400</b> 

## Starter Packages for New Users

**Everything You Need to Begin Development!** Starter packages contain the backplane and CPU card of your choice and Smart Star Tool Kit. Tool Kit includes all the software and hardware tools needed to begin design, including Dynamic C development software and documentation on CD-ROM, manuals with schematics, 100–240 V AC power supply, and FWT27 pluggable field-wiring terminal.

Description	U.S./Int'l	U.S. Pricing
<b>SR9010/9150 Starter Package.</b> 8-slot backplane, Ethernet CPU card, and Tool Kit (see above).	U.S./Int'l - 101-0427, 101-0486, 101-0512	\$458 qty. 1 <a href="#">Buy!</a>
<b>SR9010/9160 Starter Package.</b> 8-slot backplane, Non-Ethernet CPU card, and Tool Kit (see above).	U.S./Int'l - 101-0427, 101-0506, 101-0512	\$418 qty. 1 <a href="#">Buy!</a>
<b>SR9050/9150 Starter Package.</b> 4-slot backplane, Ethernet CPU card, and Tool Kit (see above).	U.S./Int'l - 101-0427, 101-0486, 20-101-0487	\$438 qty. 1 <a href="#">Buy!</a>
<b>SR9050/9160 Starter Package.</b> 4-slot backplane, Non-Ethernet CPU card, and Tool Kit (see above).	U.S./Int'l - 101-0427, 101-0506, 20-101-0487	\$398 qty. 1 <a href="#">Buy!</a>

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## Smart Star Backplane

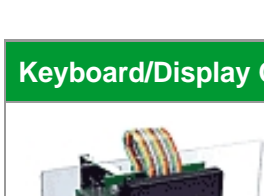


- **Model SR9010** - Backplane chassis features 8 slots, 1 for CPU and 7 for any combination of I/O cards. Remote display connector.
- **Model SR9050** - Backplane chassis features 4 slots, 1 for CPU and 3 for any combination of I/O cards. Remote display connector.

Description	Part Number	U.S. Pricing
<b>Model SR9010</b>	20-101-0512	\$99.00 qty. 1 \$93.00 qty. 5 \$87.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9050</b>	20-101-0487	\$79.00 qty. 1 \$74.00 qty. 5 \$70.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>

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## Keyboard/Display Option



- **Backlit 122 x 32 pixel** graphic LCD with 7 user-reconfigurable keys, 7 LEDs

Description	Part Number	U.S. Pricing
<b>Keypad/Display Unit</b> Plugs directly into prototyping board.	20-101-0465	\$79 qty. 1 <a href="#">Buy!</a>
<b>Panel-Mount Keypad/Display Unit</b> Water-resistant remote keypad/display, 7-key/122 x 32 pixel LCD. (Cable not included, see below).	20-101-0502	\$99 qty. 1 <a href="#">Buy!</a>

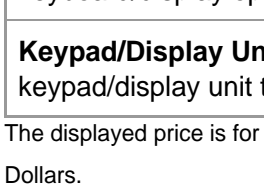
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## Product Options and Accessories

Description	Part Number	U.S. Pricing
<b>Cable &amp; Mounting Hardware.</b> Provides connection for keyboard/display option to SR9050 backplane.	101-0504	\$20 qty. 1 <a href="#">Buy!</a>
<b>Keypad/Display Unit Cable</b> 5" cable provides connection for keypad/display unit to SR9010 or SR9050 backplane.	540-0069	\$15 qty. 1 <a href="#">Buy!</a>

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## Smart Star CPU Card



- **Model SR9150** - Ethernet CPU card is powered by Rabbit 2000 microprocessor at 22.1 MHz. 512K Flash (2 x 256K), 128K SRAM (supports 512K), and 10Base-T Ethernet with RJ-45 connector.
- **Model SR9160** - CPU card is powered by Rabbit 2000 microprocessor at 22.1 MHz. 512K Flash (2 x 256K), 128K SRAM (supports 512K).

Description	Part Number	U.S. Pricing
<b>Model SR9150</b>	20-101-0486	\$159.00 qty. 1 \$150.00 qty. 5 \$140.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9160</b>	20-101-0506	\$119.00 qty. 1 \$112.00 qty. 5 \$105.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>

## Product with options (Manufacturing lead times will apply)

<b>Model SR9150 with:</b> • 512K SRAM	20-101-0738	\$219.00 qty. 1 \$200.00 qty. 5 \$180.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9160 with:</b> • 512K SRAM	20-101-0775	\$179.00 qty. 1 \$162.00 qty. 5 \$145.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>

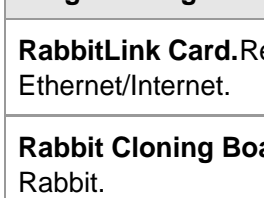
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## Product Options and Accessories

Description	Part Number	U.S. Pricing
<b>Programming/Development Tools</b>		
<b>RabbitLink Card.</b> Remotely program and debug via Ethernet/Internet.	20-101-0580	\$129 qty. 1 <a href="#">Details</a>
<b>Rabbit Cloning Board</b> Copy compiled software from Rabbit to Rabbit.	20-101-0589	\$89 qty. 1 <a href="#">Details</a>
<b>RS-232-to-USB Converter Cable.</b> Required for USB-only PCs.	20-151-0178	\$39 qty. 1 <a href="#">Details</a>

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## Smart Star Digital I/O Cards

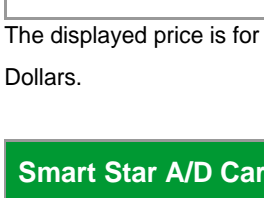


- **Model SR9200** - 16 inputs and 8 outputs, sinking
- **Model SR9205** - 16 inputs and 8 outputs, sourcing
- **Model SR9210** - 8 inputs and 16 outputs, sinking
- **Model SR9220** - 8 inputs and 8 outputs, sinking

Description	Part Number	U.S. Pricing
<b>Model SR9200</b>	20-101-0389	\$49.00 qty. 1 \$46.00 qty. 5 \$43.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9205</b>	20-101-0437	\$69.00 qty. 1 \$65.00 qty. 5 \$60.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9210</b>	20-101-0390	\$49.00 qty. 1 \$46.00 qty. 5 \$43.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9220</b>	20-101-0391	\$59.00 qty. 1 \$55.00 qty. 5 \$51.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>

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## Smart Star A/D Cards



- **Model SR9300** - Eleven 12-bit analog inputs (0 – 10 V)
- **Model SR9310** - Eleven 12-bit analog inputs (±10 V)
- **Model SR9320** - Eleven 12-bit analog inputs (4 – 20 mA)

Description	Part Number	U.S. Pricing
<b>Model SR9300</b>	20-101-0392	\$79.00 qty. 1 \$74.00 qty. 5 \$70.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9310</b>	101-0423	\$79.00 qty. 1 \$74.00 qty. 5 \$70.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9320</b>	20-101-0444	\$79.00 qty. 1 \$74.00 qty. 5 \$70.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>

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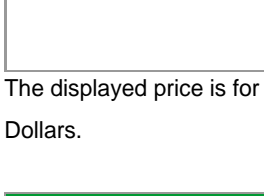
## Smart Star D/A Cards

- **Model SR9400** - Eight 12-bit analog outputs (0 – 10 V)
- **Model SR9410** - Eight 12-bit analog outputs (±10 V)
- **Model SR9420** - Eight 12-bit analog outputs (4 – 20 mA)

Description	Part Number	U.S. Pricing
<b>Model SR9400</b>	20-101-0393	\$129.00 qty. 1 \$122.00 qty. 5 \$114.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9410</b>	20-101-0394	\$149.00 qty. 1 \$140.00 qty. 5 \$131.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9420</b>	20-101-0445	\$129.00 qty. 1 \$122.00 qty. 5 \$114.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>

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## Smart Star Relay Cards

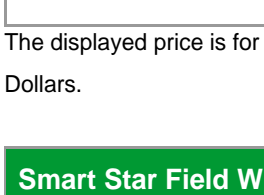


- **Model SR9500** - 6 relays: 1 SPDT, 5 SPST, including snubbers
- **Model SR9510** - 8 SPDT relays, no on-board snubbers

Description	Part Number	U.S. Pricing
<b>Model SR9500</b>	20-101-0395	\$79.00 qty. 1 \$74.00 qty. 5 \$70.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>
<b>Model SR9510</b>	20-101-0440	\$79.00 qty. 1 \$74.00 qty. 5 \$70.00 qty. 25 Single delivery pricing <a href="#">Buy!</a>

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## Smart Star Field Wiring Terminals



- **Model FWT18** - Screw-type (A/D, D/A)
- **Model FWT18** - Pluggable (A/D, D/A)
- **Model FWT27** - Screw-type (I/O, Relay8)
- **Model FWT27** - Pluggable (I/O, Relay8)
- **Model FWT18R** - Screw-type (Relay6)
- **Model FWT18R** - Pluggable (Relay6)

Description	Part Number	U.S. Pricing
<b>Model FWT18.</b> Screw type	20-101-0515	\$19.00 qty. 1 <a href="#">Buy!</a>
<b>Model FWT18.</b> Pluggable	20-101-0421	\$44.00 qty. 1 <a href="#">Buy!</a>
<b>Model FWT27.</b> Screw-type	20-101-0514	\$19.00 qty. 1 <a href="#">Buy!</a>
<b>Model FWT27.</b> Pluggable	20-101-0420	\$49.00 qty. 1 <a href="#">Buy!</a>
<b>Model FWT18R.</b> Screw-type	101-0516	\$19.00 qty. 1 <a href="#">Buy!</a>
<b>Model FWT18R.</b> Pluggable	101-0422	\$29.00 qty. 1 <a href="#">Buy!</a>

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## Reference Books

Description	Part Number	U.S. Pricing
<b>Embedded Systems Design using the Rabbit 3000 Microprocessor - <i>Interfacing, Networking, and Application Development</i> by Kamal Hyder &amp; Bob Perrin.</b> Authors Kamal Hyder and Bob Perrin are embedded engineers with years of experience and they offer a wealth of design details, "insider" tips, and techniques. This a reference you can't be without.	040-0003	\$49 qty. 1 <a href="#">Details</a>
<b>Embedded Ethernet and Internet Complete.</b> <i>Designing and programming small devices for networking</i> by Jan Axelson. Complete examples using RabbitCore modules (RCM3200) show how to implement networking applications.	040-0002	\$49 qty. 1 <a href="#">Details</a>
<b>MicroC/OS-II: The RealTime Kernel</b> by Jean J. Labrosse. The Real-Time Kernel contains over 200 pages of new examples and explanations of MicroC/OS real-time kernel.	040-0001	\$65 qty. 1 <a href="#">Details</a>

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