SEL Real-Time Automation Controllers (RTACs) Comparison

selinc.com/products/rtac/#tab-sel-3505

	SEL-3505 RTAC	SEL-3505-3 RTAC	SEL-2240 Axion With SEL-2241 RTAC Module	SEL-3530-4 RTAC	SEL-3350 With RTAC Configuration	SEL-3555 RTAC	SEL-3560S RTAC	SEL-3560E RTAC
Processor	333 MHz	333 MHz	1.6 GHz	533 MHz	1.6 GHz Atom quad-core	2.0 GHz Xeon quad-core	2.0 GHz Xeon quad-core	2.0 GHz Xeon quad-core
RAM	512 MB	512 MB	4 GB	1 GB	8 GB	8 to 16 GB	8 to 16 GB	8 to 16 GB
Storage	2 GB	2 GB	8 GB	2 GB	30 GB to 7,680 GB	30 GB to 7,680 GB	30 GB to 7,680 GB	30 GB to 7,680 GB
Operation Temperature Range	–40° to +85°C	–40° to +85°C	–40° to +85°C	–40° to +85°C	–40° to +85°C	–40° to +75°C	–40° to +75°C	–40° to +60°C
Graphical Web-Based HMI	N/A	N/A	Viewing and control via web browser and local display	Viewing and control via web browser and local display	Viewing and control via web browser and local display	Viewing and control via web browser and local display	Viewing and control via web browser and local display	Viewing and control via web browser and local display
Display Ports	N/A	N/A	1 DisplayPort	N/A	1 DisplayPort	1 DisplayPort; 1 DVI/VGA port; 2 DVI-D ports	1 DisplayPort; 1 DVI/VGA port; 2 DVI-D ports	1 DisplayPort; 1 DVI/VGA port; 2 DVI-D ports
Power Supply Options	Single	Single	Redundant	Single	Single (1U); Redundant: SEL-9325 (3U)	Redundant: SEL-9331	Single (external): SEL-9331	Single (internal): SEL-9331
Power Supply Voltages	12/24 Vdc or 24/48 Vdc	12/24 Vdc or 24/48 Vdc	120/240 Vac, 125/250 Vdc; and/or 24/48 Vdc	120/240 Vac, 125/250 Vdc; 48/125 Vdc, 120 Vac; or 24/48 Vdc	125/250 Vdc or 120/240 Vac; 48/125 Vdc or 120 Vac; or 24/48 Vdc	125/250 Vdc or 120/240 Vac; LV 48 Vdc	125/250 Vdc or 120/240 Vac; LV 48 Vdc	125/250 Vdc or 120/240 Vac; LV 48 Vdc
Ethernet Ports	2	2	3	2	5	2 standard; 4 per PCI card (up to 2 cards supported)	2	2 standard; 4 per PCI card (up to 1 card supported)
Serial Ports	4	3	4	4	16 (standard)/ 48 (3U)	8 standard; 6 per PCI card (up to 3 additional cards supported)	2	8 standard; 6 per PCI card (up to 1 additional card supported)
Size/Mounting	Surface or DIN-rail mount	Surface or DIN-rail mount	5U rack/panel or surface mount (10-slot, 4-slot, and dual 4-slot)	1U half-rack/ panel, surface, or DIN-rail mount	1U or 3U rack/ panel mount	3U	Surface mount	Surface mount
Digital and Analog Input/Outputs	1 digital output/ 1 digital input	3 digital outputs/8 digital inputs	Various I/O modules available	1 digital output/ 1 digital input	1 universal input/1 Form C digital output—alarm contact (standard); 24 digital inputs and 8 digital outputs (3U)	Form C digital output—alarm contact	Form C digital output—alarm contact	Form C digital output—alarm contact
Other Features	Conformal coating, V.92 modem, ambient light sensor, and accelerometer	Conformal coating, ambient light sensor, and accelerometer	Conformal coating	Conformal coating	Conformal coating	Conformal coating	Conformal coating	Conformal coating