

UCSE Version	IS220UCSBH1A/H3A/H4A	IS220UCSAH1A	UCCA/UCCC
			
Processor	Intel EP80579	Power QUICC II PRO	UCCA: Intel Ultra Low Voltage Celeron UCCC: Intel Pentium M processor
CPU Frequency	H1A: 600 Mhz H3A 1200 Mhz H4A 1066 Mhz	667 Mhz	UCCA: 650 Mhz UCCC: 1.6 Ghz
CPU Cores	1	1	1
Mark VIe Cores	1	1	1
L2 Cache	256 K	64 K	256 K
Qnx Version	6.5 or 7.1	6.5	6.5
Profinet	No	No	No
Ethernet Ports Total	5	5	UCCA: 4. UCCC: 5
Ethernet Ports 100 MB	5	5	UCCA: 4. UCCC: 5
Console	RJ-45 (Adaptor sold separately)	RJ-45 (Adaptor sold separately)	UCCA: micro-miniature 9-pin D UCCC: RJ-45 (Adapter Sold Separately)
Additional Ports	USB 1.1	USB 1.1	None
Power input - Non redundant	1 - Top	1 - Top	1 - Bottom
Orientation Capability	Vertical	Vertical	Vertical
Max Power Consumption	UCSBH1A and UCSBS1A: 26.7 W peak, 15.6 W nominal UCSBH3A: 28.7 W peak, 17.3 W nominal UCSBH4A: 28.7 W peak, 17.3 W nominal	12.5 W typical	UCCA: 18 W UCCC: 50 W
Minimum Voltage	18 V	18 V	20 V
Nominal Voltage	28 V	28 V	28 V
Maximum Voltage	32 V	32 V	36 V
Memory Type	DDR2	DDR	DDR
Memory Size	256 M	256 M	128 M
ECC Memory	Yes	No	No
Flash Storage	2 GB	Compact Flash up to 2 GB	128 MB Compact Flash
NVRAM Capabilities	ControlST V07.05 and higher supports 3067 non-volatile program variables, 338 forces, and 128 totalizers ControlST V07.04 and lower supports 3067 non-volatile program variables, 338 forces, and 64 totalizers		
Chassis Dimensions			
Dimensions - Width	50 mm	40 mm	131 mm
Dimensions - Depth (Excluding mounting bracket)	160 mm	160 mm	235 mm
Dimensions - Height (Excluding mounting bracket)	169 mm	169 mm	389 mm

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Mounting Bracket Dimensions			
Width	42 mm	42 mm	-
Height	204 mm	204 mm	-
Thickness	5 mm	5 mm	-
Operating Temperature			
Min	H1A, H4A: -30°C H3A: 0°C	0°C	0°C
Max	+ 65°C	60°C	UCCA: 60°C UCCC: 50°C
Max with 0.5 m/s airflow	-	-	-
Storage Temp			
Min	-40°C	-40°C	-40°C
Max	+85°C	+85°C	+85°C
Altitude	1000 m Nominal	1000 m Nominal	1000 m Nominal
Cooling	Convection	Convection	Convection
Reverse Polarity Protection	Provided	Provided	No
Weight	UCSBH1A and UCSBS1A: 2.4 lbs (1 Kg) UCSBH3A: 2.9 lbs (1.3 Kg) UCSBH4A: 2.4 lbs (1 Kg)	2 lb	
Surge Protection	No	Yes	No
Humidity	95% non-condensing	95% non-condensing	95% non-condensing