

# OP8665 Specifications

<b>Product name</b>	<b>OP8665 Controller Interface</b>
<b>Input power</b>	36W Power supply (12V, 3A) - Maximum input voltage = 15V
<b>I/O connectors</b>	DB9, DB37, RS232, screw terminals
<b>Number of channels</b>	Up to 32 DI and 32 DO (each side of the controller interface connects to 16 DI and 16 DO of the real-time simulator) Up to 16 ADC: 8 ADC on each controller board
<b>Compatibility (TI boards)</b>	F2808, F28044, F28335, F2803x, F2860x, F28M35x modules The basic OP8665 board uses the same standard pinout as the TI C2000. It is therefore compatible, pin-to-pin, with the boards listed, even if the F28335 comes with the module by default.
<b>Dimensions (HxWxD)</b>	5.41 x 43.18 x 27.28 cm (2.13" x 17" x 10.74")
<b>Maximum rated ambient temperature</b>	0C to 70C (32°F to 158°F)
<b>Relative humidity</b>	10 to 90% non-condensing
<b>Maximum altitude</b>	2000 m (6562 ft.)