



Rosie is a small form factor, rugged embedded system designed to operate in harsh environments.

Rosie's rugged system with optional mounting brackets also provides USB, HDMI, Gigabit Ethernet, WiFi, and Bluetooth capabilities all with IP68 rated ingress protection. Custom face plates are easily accommodated using Connect Tech design services.



Rosie is designed to meet MIL-STD-810G as well as DO160G for shock and vibration along with ingress protection of IP68.

FEATURES

- ✓ 163.6mm x 108.0mm x 96.3mm
- ✓ 1x HDMI, 2x GbE, 2x USB 2.0, IEEE 802.11 ac, 1x RS-232
- ✓ Extended Temperature Range -20°C to +80°C
- ✓ +9V to +36V Power Input

SPECIFICATIONS

Processor	NVIDIA Jetson TX2, TX2i, or TX1 1 TFLOP/s 256-Core	Memory	TX2/TX2i: 8GB LPDDR4 TX1: 4GB LPDDR4
Storage	TX2/TX2i: 32GB eMMC TX1: 16GB eMMC	Weight	1.43kg (3.15lbs)
Display	1x HDMI Type A (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)	USB	2x USB 2.0 Type A
Ethernet	2x Gigabit Ethernet (10/100/1000) RJ-45s	Serial	1x RS-232
WiFi	IEEE 802.11 ac	Bluetooth	Bluetooth 4.0 (24Mbps)
Power Requirements	+9V to +36V	Design Rating	IP68 DO-160G MIL-810
Dimensions	Without Mounting Bracket: <ul style="list-style-type: none"> • 163.6mm x 108.0mm x 96.3mm • (6.438" x 4.250" x 3.790") With Mounting Bracket: <ul style="list-style-type: none"> • 163.6mm x 146.1mm x 99.4mm • (6.438" x 5.750" x 3.915") 	Operating Temperature	-20°C to +80°C (-4°F to +176°F) with minimum airflow of 125 CFM for standalone operation



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