

1U Rugged IPC

1U 19" Rugged Industrial Panel PC



Introduction

1U ½ 19" inch Rugged Industrial PC is a customized Core i7 based BOX PC with different I/O's.

The enclosure is fabricated from aluminum alloy material. Inlet vents and exhaust fan are provided for cooling. All the I/O's are terminated on the front plate with standard connectors and Power input is provided at the rear side with blind mate type connector.

The unit is qualified for JSS-55555 environmental specifications and Designed to comply MIL-STD-461F EMI/EMC standard. It complies to Operating temperature of -10 deg to +55 Deg C

Specifications

Processor	Intel® Core™ i7-8700 Processor 6 core, 3.20 Ghz
Power Supply	Power Supply - 12V/150W 85-264VAC, 47-63Hz full range Input voltage
Mother Board	Intel® Chipset motherboard supporting 9th/ 8th Gen (Coffee Lake-S) Core™ Processors, up to 65W
RAM	DDR4 SO-DIMM 2666MHz 32GB W.T. (16GBx2)
Storage	2.5" 1TB HDD
Cooler	CPU Cooler
Operating System	Will support Microsoft Window10 64bit and Linux RHEL 7.8.
Audio	Realtek ALC887 HD audio codec IC supported 1 x Line-Out, 1 x MIC-In
I/O Interface	1 x Power(Rear) 1 x RS232 Audio Line IN and Line out(L & R)(Front) 4 x Ethernet 4 x USB 3.0 1 x DVI
Mechanical Enclosure	Dimensions (WxHxD) ½ 19" Rack Mountable. 262(Front panel) x 50.50 x 219.9 mm.