1U 19" Leopard III (AC-In)

Fanless 1U rugged server system with MIL-STD-810G and
Intel® Core™ i7-9700TE

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Features

- 1U 19-inch industrial system
- Intel® Core™ i7-9700TE, up to 3.8GHz
- 2x DDR4 2400/2666MHz, up to 32GB
- Extremely sturdy and fanless design
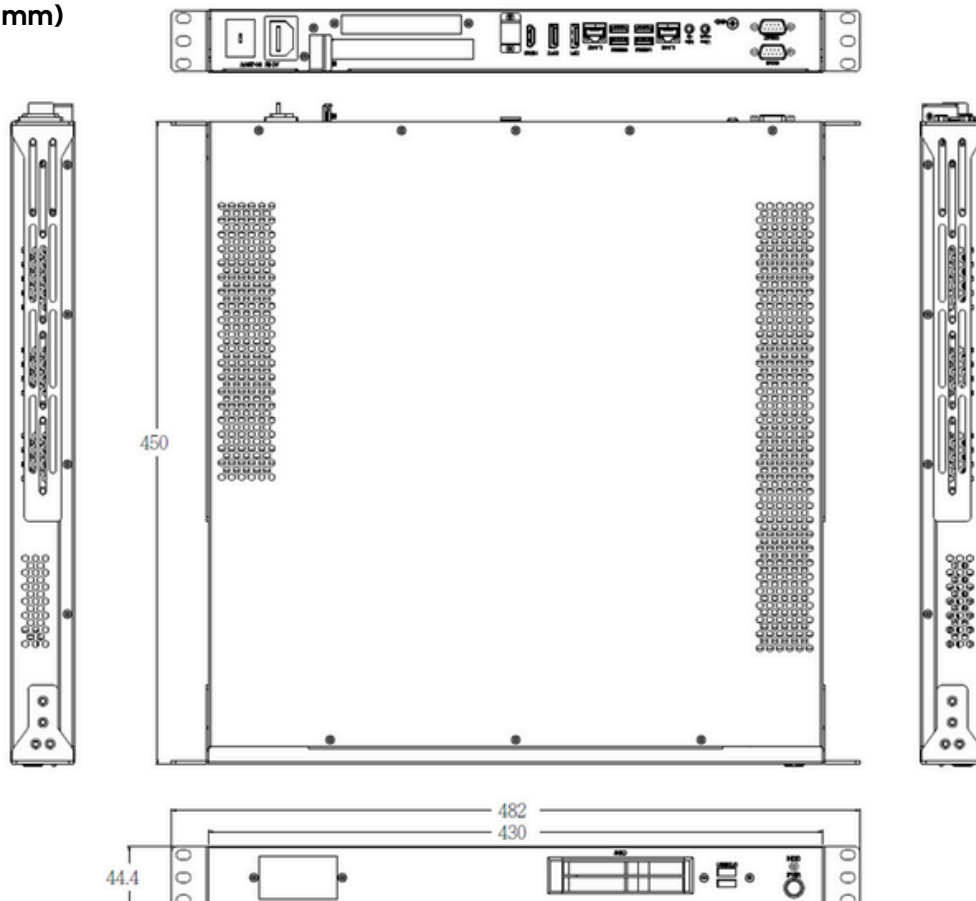- Dimensions: 440 x 430 x 44mm

Leopard III - 1U 19 inch industrial server with Coffee Lake CPU

The 1U 19" Leopard III is an industrial, fanless and ruggedized 19-inch 1U rackmount server that is equipped with an Intel® Coffee Lake 14nm Core™ Q370 chipset and the Intel® Coffee Lake-Refresh i7-9700TE processor. The Leopard III supports up to 32GB storage capacity, onboard dual Gbit Ethernet, SuperSpeedPlus USB 3.1 ports (10 Gb/s). In addition, the server offers a PCIe x16 expansion for high-speed transfers. Thanks to other advantages such as the simple HDD / SSD removable frame and the multi-expansion slot, the 1U Leopard III server perfectly combines all requirements for commercial and industrial-grade platforms, process control, intelligent automation and manufacturing applications.

Comprehensive interface options and high voltage range
The server offers a wide range of connection options, consisting of dual Gigabit Ethernet, 2x DisplayPorts, 1x HDMI and SuperSpeedPlus USB 3.0 ports (10Gb / s). The large voltage range of the system is another special feature. With a range from 90V to 260V, it enables the system to be used in a wide range of power types. The construction also maintains reliability and extends the life of the system. Even a sudden drop or increase in the power supply does not pose a threat to the server. The 1U 19" Leopard III server is also available with a redundant power supply unit.

Dimension (in mm)

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Specifications	1U 19" Leopard III (AC-In)
SYSTEM	
CPU	Socket LGA 1151 for Intel® Core i7/i5/i3/Celeron® (Supports up to 65W) Intel® Core® i7-9700TE (8C x 3.8 GHz), 12MB Cache
Chipset	Intel® Q370 Chipset
RAM	2x SO-DIMM DDR4 2400/2666 MHz up to 64GB
Storage	2x 2.5" SSD/HDD easy swap trays
Expansion	1x PCIe x16 1x M.2 (M-Key, 2242/2260/2280) with PCIe x4 and SATA III
Operating Systems	Windows 10 64bit Ubuntu13.04, Ubuntu13.10, Ubuntu14.04 Fedora 20
INTERFACE	
Ethernet	Intel® i210 & I219LM GbE LAN 2x RJ-45 ports support 10/100/1000 Mbps
USB	4x USB 3.1 (10GB/s) - rear 2x USB 2.0 - front
COM	1x RS-232/422/485
Video	2x DisplayPort 1x HDMI
Audio	2x 3.5mm Audio Jack (1x Mic-In, 1x Mic-Out)
Power	1x 4-pin terminal block
Other	1x AC inlet 1x Power Button with indicator LED 1x HDD LED indicator
ENVIRONMENTAL	
Chassis	SECC chassis Aluminum alloy, corrosion resistant heatsink Anodic aluminum oxide finish
Cooling	Fanless
Power adapter	90~240V AC-in
Operating Temperature	Without graphic card: ET: -20 ~ 60°C; UT: -30 ~ 70°C With graphic card: 0 ~ 50°C
Storage Temperature	-40˚C ~ 85˚C
Humidity	5~95%, non-condensing
Dimensions	440 (W) x 430 (D) x 44 (H) mm
Weight	8.5 kg
Certifications	CE/ FCC Class A, MIL-STD-810G

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Ordering Information	1U 19" Leopard III (AC-In)
MODEL NO.	
24911	**19" 1U Leopard III Fanless** Intel Core i7-8700T 12 MB Cache, up to 4,00 GHz 2x SO-DIMM DDR4 2400/2666 MHz up to 32GB Intel® Q370 Chipset incl. 8GB RAM & 256GB SSD 2.5 1x PCIe xl6 1x Full/Half mini-PCIe with PCIe xl and USB 2.0 1x M.2 (Key E, 2230) with PCIe xl, and USB2.0 1x M.2 (Key M, 2242/2260/2280) PCIe x4 and SATA III 2x 2.5" SATA HDD/SSD easy swap tray, RAID 0/1 1x Intel® 1210 & 1219LM GbE LAN 2x DP, 1x HDMI 1x RS232/422/485 4x USB 3.1 (10Gb/s) & front 2x USB 2.0 2x 3.5mm Audio Jacks (1x Mic-In 1x Line-Out) 1x 4P Rugged Terminal connector EMC CE and FCC compliance Operating Temp.: Without graphic card -20~60°C // with graphic card 0~50° Wide range 90~260V AC-in Dimension (W x D x H) 440 x430 x 44 mm
24912	**19" 1U Leopard III Fanless Redundant** Intel Core i7-8700T 12 MB Cache, up to 4,00 GHz 2x SO-DIMM DDR4 2400/2666 MHz up to 32GB Intel® Q370 Chipset iincl. 16GB RAM & 256GB SSD 2.5 1x PCIe xl6 1x Full/Half mini-PCIe with PCIe xl and USB 2.0 1x M.2 (Key E, 2230) with PCIe xl, and USB2.0 1x M.2 (Key M, 2242/2260/2280) PCIe x4 and SATA III 2x 2.5" SATA HDD/SSD easy swap tray, RAID 0/1 1x Intel® 1210 & 1219LM GbE LAN 2x DP, 1x HDMI 1x RS232/422/485 4x USB 3.1 (10Gb/s) & front 2x USB 2.0 2x 3.5mm Audio Jacks (1x Mic-in, 1x Line-Out) 1x 4P Rugged Terminal connector EMC CE and FCC compliance Operating Temp.: Without graphic card -20~60°C // with graphic card 0~50° 2x 200W AC-DC Power Supply with Redundant support Wide range 90-260V AC-in Dimension (W x D x H) 440 x430 x 44 mm