PANTHER Series

2U 19-inch industrial PCs

BRESSNER
A ONE STOP SYSTEMS COMPANY

Industrial PCs with industrial grade Mainboard

Features

- 2U 19-inch industrial system
- Intel® Core™ i9/i7/i5/i3 CPUs
- Up to 128GB DDR4 2666 MHz RAM
- 12x USB (10x 3.0, 2x 2.0)
- Dimensions: (WxDxH): 431.4 x 429.2 x 88.6 mm

High availability, flexible expandability, little space required

The 2U 19″ PANTHER Series meets all requirements with its five PCI/PCIe slots, a versatile interface and a 2U chassis. The server systems are based on a backplane and a PICMG 1.3 slot CPU card and have up to four PCIe/PCI slots. The feature list also includes Intel® AMT 12.0 as well as TPM 2.0, which enables convenient remote maintenance of the system and provides solid protection against many IT security risks.

Designed for permanent operation and configurable via remote maintenance

The rackmount computer is designed for above-average availability and durability. Behind the lockable front flap there are two generously dimensioned fans incl. filter, which can be easily maintained. The installed hard disks are designed for 24/7 permanent operation and can be easily exchanged thanks to the removable frame. In addition, the operating temperature, voltage and fans can be monitored via the hardware monitor and queried via remote access.

PANTHER Series

2U 19-inch industrial PCs

BRESSNER
A ONE STOP SYSTEMS COMPANY

	Entry Line	Basic Line	Premium Line	Ultra Line
System				
CPU	Intel® Core™ i3-9300 up to 4,30 GHz	Intel® Core™ i5-9500 up to 4,60 GHz	Intel® Core™ i7-9700 up to 4,70 GHz	Intel® Core™ i9-9900 up to 5,00 GHz
Chipset	Intel® Q370 PCH Chipset			
Slot-CPU	Portwell ROBO-8114VG2AR-Q370			
OS	Windows 10 IOT Enterprise LTSC 64 Bit			
RAM	8GB DDR4 2666 MHz max. 128GB	16GB DDR4 2666 MHz max. 128GB	32GB DDR4 2666 MHz max. 128GB	64GB DDR4 2666 MHz max. 128GB
Storage	Incl. 1x 256GB M.2 SSD 1x 512GB SSD 2.5"	Incl. 1x 500GB M.2 SSD 1x 1TB SSD 2.5"	Incl. 1x 500GB M.2 SSD 2x 1TB SSD 2.5"	Incl. 1x 1TB M.2 SSD 2x 2TB SSD 2.5"
SATA	2x 2.5"/3.5" SATA HDD/SSD 4x SATA III Supports RAID 0, 1, 5, 10	2x 2.5"/3.5" SATA HDD/SSD 4x SATA III Supports RAID 0, 1, 5, 10	2x 2.5"/3.5" SATA HDD/SSD 4x SATA III Supports RAID 0, 1, 5, 10	2x 2.5"/3.5" SATA HDD/SSD 4x SATA III Supports RAID 0, 1, 5, 10
Equipment				
LAN	1x Gigabit Ethernet Port AMT 12.0 (Intel® i219LM) 1x Gigabit Ethernet Port (Intel® i210AT)			
COM	2x RS-232 Ports 2x RS-232/422/485 Ports			
USB	2x USB 3.0 (Rear Bracket) (Optional: 8x USB 3.0 Pin Header) 2x USB 2.0 Ports			
Video	1x HDMI 1x DVI-D			
DVD	1x DVD-ROM Drive			
Expansions				
PCI/ PCIe	Backplane: 1x PCIe 3.0 [x4] 1x PCIe [x16] 3x PCI			
Mechanics				
Power	550W industrial power supply			
Cooling system	1x 70mm front fan (with filter)			
Operating	Front panel power on/off, system reset Front Panel Connectors 2x USB 2.0 Front panel display Power Status LED Rear panel slots 6x full profile full height Front panel Power On/Off, System Reset			
Dimensions & Weight	(B x T x H): 431.4 x 429.2 x 88.6 mm ca. 18kg (equipped system)			

All PANTHER Series systems can be customized to fit your needs, if necessary.