

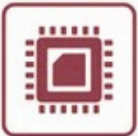
ROCKNPC-BSC

Network Application Platform

A standard 1U rack-mounted mainstream network application platform, which adopts an Intel® Celeron™ J1900 processor, 1 x SO-DIMM DDR3L memory slot, maximum memory support of 8GB, onboard 6 x electrical ports and 1 x expansion slot. It can be widely used in network security application fields such as entry-level firewalls, intrusion detection systems and Internet behavior management.



Product Features



Celeron J1900
chip



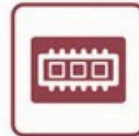
Low power
consumption
& high
performance



The
motherboard
provides 6
x Gigabit
electrical port



Supports BP

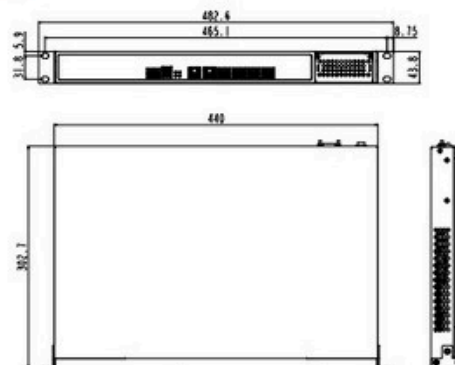


1 x MSATA or 1
x Cfast slot



Quick
customization

Product Dimensions Drawing



Product Specifications

Item		Description
System Configuration	Processor	Intel® Celeron™ J1900
	Chipset	SOC J1900
	Memory	1 x SO-DIMM memory slot, and the total capacity of the complete PC can reach 8GB DDR3L memory
Storage Port	SATA	Supports 1 x SATA port, and standard configuration of 1 x hard disk bay
	MSATA	1 x MSATA slot
I/O Port	USB	2 x USB 2.0 port (front)
	COM	1 x RJ45 Console port
Display Port		1x VGA port
LAN card chip		Intel® I210/I211
LAN port		Onboard supports 6 x Gigabit electrical port
Bypass		Supports up to 3 groups
Expansion Bus	PCIE	Onboard 1 x PCIE 8X (X1 signal), shared with ENS slot
	ENS	1 x ENS network card expansion slot (optional), shared with PCIE slot (alternative)
Matched Motherboard		1837 series
Working Environment		Working temperature: 0°C -40°C
Storage Environment		Storage temperature: -20°C ~ 70°C; storage humidity: 10% ~ 90% (non-condensing state)
Power supply		Single power supply 60W
Overall Dimensions (excluding mounting ears)		440mm(W) × 44mm(H) × 300mm(D)
Supported Operating Systems		Linux OS (kernel version 2.6 and later). Please refer to the product manual for details

Ordering Information

Model No	Description
BSC-01	Standard 1U rack-mounted complete PC/Celeron J1900 2.0G/4GB memory/128G MSATA/onboard 6 x Gigabit LAN port/1 group of BP/built-in 1 x PCIE slot or supporting 1 x ENS module expansion (optional)/60W single power supply
BSC-02	Standard 1U rack-mounted complete PC/Celeron J1900 2.0G/4GB memory/128G MSATA/onboard 6 x Gigabit LAN port/2 groups of BP/built-in 1 x PCIE slot or supporting 1 x ENS module expansion (optional)/60W single power supply
BSC-03	Standard 1U rack-mounted complete PC/Celeron J1900 2.0G/4GB memory/128G MSATA/onboard 6 x Gigabit LAN port/0 group of BP/built-in 1 x PCIE slot or supporting 1 x ENS module expansion (optional)/60W single power supply