

K300

Mini ITX Compact PC



Key Features

- ◆ Mini ITX Motherboards
- ◆ Wide operating temperature range of -10° C~+60° C
- ◆ Build in Temperature controlled Fans

System Parameters

Processor&Chipset	● Onboard Intel® N100 Four Cores, 3.4GHz, 6M Cache ,Intel® UHD Graphics ● Onboard Intel® i3,i5,i7, 4th~14th Generation
Memory	1 x DDR3 /DDR4 SO-DIMM socket, 2GB/4GB/8GB/16GB
Storage	1 x 2.5" SATA 500GB/1TB/2TB 1 x Msata 16GB/32GB/64GB/128GB/256GB
Cooling System	Temperature controlled Fan
BIOS	AMI 16MB DPI Flash
Watchdog Timer	255 level, 0~255 sec
LAN	1 x Realtek RT8111E, 10/100/1000M, Support PXE, Wake on Lan
Audio	Realtek ACL662 Audio controller, Line-out, Mic-in.
Expansion Port	2 x MINI PCI-E full slot, 1 x SIM
OS	Linux/ Windows XP/7/8/10/11

Expansion Function

GPIO	Optional
3G/4G	Optional
WIFI/BT	Optional(802.11 a/b/g/n, Bluetooth 4.0)
RS422/485	Optional

IO Interface

COM	2 x COM(Default RS232, 10x RS232 maximum)
RS422/485	Optional (1x RS485/422)
VGA	1x VGA with definition up to 1920x1200@60Hz, DB15 interface
HD MI	1x HDMI, with definition up to 1920x1200@60Hz
USB	3 x USB2.0+1 x USB3.0
LAN	1 x RJ45, 10/100/1000M(2RJ45 Optional)
Audio	Line-out, Mic-in
LPT	Optional
ATN	2 x Antenna port
GPIO	Optional

Power Supply

Power Supply	12V DC Power Input
Power Consumption	<60W
Wide Voltage	Optional (DC 6~36V Wide Voltage, IPTS)

Environments

Operating Temp	-10°C~50°C
Storage Temp	-30°C~70°C
Relative Humidity	5~95%@10°C (Non-condensing)
Vibration	5~500Hz,1.5G,0.15mm peak value
Shake	1.5 Grms, IEC 60068-2-64, 5 ~ 500 Hz, 1 hr/axis
Shock	10 Grems, IEC 60068-2-64, Half sine wave,for 11 ms
EMC	CE/FCC Class A

Enclosure

Housing Material	Steel Enclosure
Dimensions	210*4.445*185mm
Net Weight	1.5KG