



439.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Intel Apollo Lake !
- 2x Gigabit LAN !
- Fanless !
- 2x RS232 !



**Support:**  [Specifications](#) |  [Mainboard](#)

S300 is a fanless box pc, powered by the latest Intel Apollo Lake performance-enhanced processor. The whole system is less than 1.4 liter size but still with versatile I/O aiming to adapt it in different environments and wide applications.

Long term availability until at least 2023 !

For a full PC you need in addition :

- mSATA SSD
- RAM

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Processor         | Intel Apollo Lake, N3350 (2M Cache, up to 2.4GHz Dual Core)                       |
| Chipset           | SoC                                                                               |
| OS support        | Linux, Windows 10 64bit, Android (no Win7 !)                                      |
| PCB               | 3.5" single board computer Mitac PD10AS, 4" x 5.8" (102mm x 147mm)                |
| Memory            | DDR3L [Low Voltage, 1.35V] RAM, 1867MHZ, (1x So-DIMM slot, up to 8GB)             |
| LAN               | 2x Intel I210 (10/100/1000 Mb/s) Ethernet LAN controller                          |
| Audio             | Realtek ALC-662                                                                   |
| Storage           | mSATA                                                                             |
| MiniPCle          | 1x PCI Express Full-Length Mini Card slot (USB / PCIe / SATA), 1x SIM Card holder |
| M.2               | 1x M.2 (2230) with PCIe x 1 and USB 2.0 signal for wireless                       |
| Display interface | 1 x DSUB-15 VGA, 1 x HDMI Out                                                     |
| Front I/O         | 2x USB2.0, 2x RS-232, Power button, Power LED, HDD LED                            |
| Rear I/O          | 4x USB 3.0, 2x RJ45, 1x VGA out, 1x HDMI-out, 1x DC-in                            |
| Internal speaker  | 1 x Buzzer As default                                                             |

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply      | 8-24VDC Wide Range DC Input<br>65W, 19V, Power Adapter                                                                                                                                                                                                                                                        |
| Chassis Dimension | 200mm x 200mm x 35mm (Fanless)<br>NCT6116D<br>Nuvoton NCT6116D                                                                                                                                                                                                                                                |
| Misc              | Voltage sense to detect out of range power supply voltages<br>Thermal sense to detect out of range thermal values<br>BIOS UEFI mode only (Does not support Legacy mode)<br>MiAPI: Programmable header (support 10x GPIO, 1x SMBUS, 1x UART, 1x Watchdog) with API library supported for Windows OS<br>Fanless |
| Environmentals    | System Temp: 0 Degree C~ 50 Degree C<br>Humidity: 10%~90% Non-Condensing                                                                                                                                                                                                                                      |