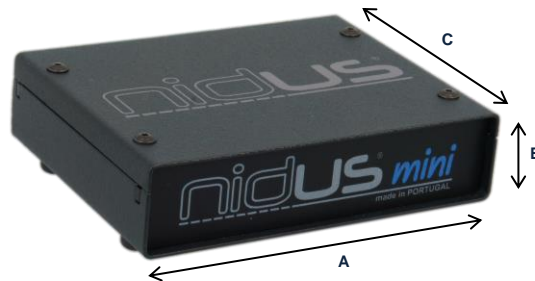


Programmable 16 bits microcontroller – Hardware description



| Specifications | NIDUS-mini – Master board | | | |
|-------------------|--|----------------------------------|---------------------------|---------|
| Size (mm) AxBxC | 120 X 30 X 90 (mm) | | | |
| Mini PCI Express | 1 | Rabbit Minicore - RCM6700 family | | |
| Battery | 1 | 3,0 V | CR2032 | lithium |
| Serial port | 1 | TTL | Programming / Serial port | |
| | 2 | RS232 / RS485 | | |
| Power supply | | Vin = 9 - 24Vdc | P= 850mW | |
| Network protocols | TCP/IP, UDP/IP, SNMP, HTML, XML, PUSH/XML, AJAX, SMS and E-mail, | | | |
| Data logger | Data logger for more than 100.000 records | | | |
| RF Add-on | | | | |
| RF module | 1 | 1 TTL | 868Mhz (ISM) | |

Processor type
(Rabbit MiniCore)



| Specifications | RCM6760 |
|-------------------------------------|-------------------------------------|
| Microprocessor | Rabbit® 6000 up to 200 MHz |
| Flash Memory (Code and File system) | 4 MB serial Flash |
| Internal SRAM (Code and Data) | 1 MB |
| Battery-Backable SRAM | 32 KB (Internal), 512 KB (External) |
| Power - with Ethernet | 260 mA @ 3.3V |
| Operating Temperature | -40° C to +85° C |