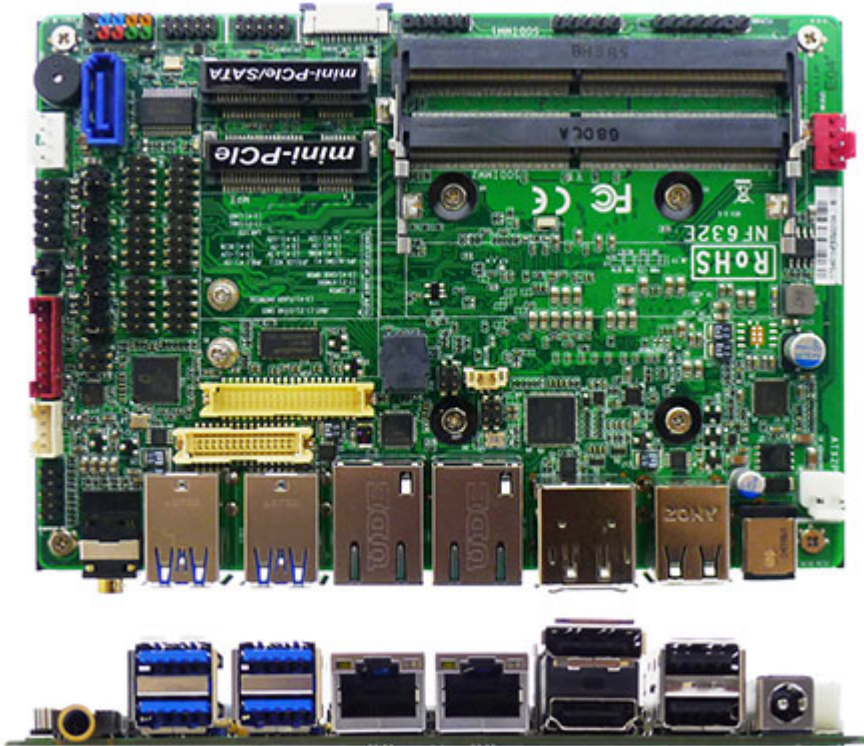


689.00 EUR  
incl. 19% VAT, plus [shipping](#)

- NF632E-7200



- Intel® Skylake U / Kabylake U Processor (TDP 15W)
- Support 2 \* DDR4 SO-DIMM slot, up to 32GB
- Support Display Port , HDMI and eDP/LVDS (triple display)
- Intel Gigabit LAN, 2 \* RJ45 ports
- Realtek ALC662 Audio CODEC
- 1 \* Serial ATAIII (6Gb/s) and 1 \* mSATA (shared with mPCIe)
- 5 \* Internal RS232 & 1 \* Internal RS232/422/485)
- 4 \* External USB3.0, 2\* External USB1.1/2.0 & 5 \* Internal USB1.1/2.0
- 1 \* full size mPCIe (shared with mSATA), 1 \* half size mPCIe
- Support TPM 1.2 (option)
- 9 ~ 24V DC-in Jack
- 3.5" SBC Form Factor (148mm \* 102mm)

## Form Factor

|            |                          |
|------------|--------------------------|
| Dimensions | - 3.5" SBC (148 * 102mm) |
|------------|--------------------------|

## Processor System

|             |                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------|
| CPU         | - Intel® Skylake/Kabylake U Processor (TDP 15W, default CPU: i5-6200U, i5-6300U, Celeron 3855U) |
| Core Number | - i5-6200U : 2<br>- i5-6300U : 2<br>- Celeron 3855U : 2                                         |
| Max Speed   | - i5-6200U : 2.8GHz<br>- i5-6300U : 3.0GHz<br>- Celeron 3855U : 1.6GHz                          |

|                        |                                                               |
|------------------------|---------------------------------------------------------------|
| L2 Cache               | - i5-6200U : 3MB<br>- i5-6300U : 3MB<br>- Celeron 3855U : 2MB |
| Chipset                | - SoC                                                         |
| BIOS                   | - AMI 128Mb Flash ROM                                         |
| <b>Expansion Slot</b>  |                                                               |
| PCI                    | - 0                                                           |
| Mini-PCIe              | - 1 (full size, shared with mSATA) & 1 (half size)            |
| mSATA                  | - 1 (full size, shared with mPCIe)                            |
| PCIe                   | - 0                                                           |
| M.2                    | - 0                                                           |
| CFast Card Socket      | - 0                                                           |
| CF Card Socket         | - 0                                                           |
| SIM Card Holder        | - 0                                                           |
| <b>Memory</b>          |                                                               |
| Technology             | - Dual CH DDR4 2133MHz SDRAM                                  |
| Max.                   | - 32GB                                                        |
| Socket                 | - 2 * SO-DIMM                                                 |
| <b>Graphics</b>        |                                                               |
| Controller             | - Intel® HD Graphics                                          |
| VRAM                   | - Shared Memory                                               |
| VGA                    | - 0                                                           |
| LVDS                   | - 1 (max. 1920 x 1080@60Hz resolution)                        |
| eDP 1.3                | - 1 (max. 4096 x 2304@60Hz resolution)                        |
| HDMI 1.4               | - 1 (max. 4096 x 2160@24Hz resolution)                        |
| DVI-D                  | - 0                                                           |
| DisplayPort 1.2        | - 1 (max. 4096 x 2304@60Hz resolution)                        |
| MultiDisplay           | - Yes (Triple Displays)                                       |
| <b>Ethernet</b>        |                                                               |
| Ethernet               | - 10/100/1000 Mbps                                            |
| Controller             | - 2 * Intel® Gigabit LAN                                      |
| Connector              | - 2 * RJ 45                                                   |
| <b>Audio</b>           |                                                               |
| CODEC                  | - HD Audio : Realtek ALC662VD                                 |
| Channel                | - 2 Channel                                                   |
| <b>SATA</b>            |                                                               |
| Max Data Transfer Rate | - 1 * SATAIII (6.0Gb/s)                                       |
| <b>Rear I/O</b>        |                                                               |
| VGA                    | - 0                                                           |
| DVI-D                  | - 0                                                           |
| HDMI                   | - 1                                                           |
| DisplayPort            | - 1                                                           |
| Ethernet               | - 2                                                           |
| USB                    | - 4 * USB 3.0 & 2 * USB 1.1/2.0                               |

|                           |                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Audio                     | - 1 (Line-out)                                                                                                           |
| Serial                    | - 0                                                                                                                      |
| eSATA                     | - 0                                                                                                                      |
| PS/2                      | - 0                                                                                                                      |
| DC-input                  | - 1                                                                                                                      |
| <b>Internal Connector</b> |                                                                                                                          |
| USB                       | - 5 * USB 2.0                                                                                                            |
| PS/2                      | - 1                                                                                                                      |
| LVDS / inverter           | - 1 (co-lay eDP)                                                                                                         |
| eDP                       | - 1 (co-lay LVDS)                                                                                                        |
| VGA                       | - 0                                                                                                                      |
| Serial                    | - 6 (5 * RS232 , COM1 support RS232/422/485)                                                                             |
| SATA                      | - 1 * SATAIII (6.0Gb/s)                                                                                                  |
| mPCIe                     | - 1 (full size, shared with mSATA), 1 (half size)                                                                        |
| Parallel                  | - 0                                                                                                                      |
| mSATA                     | - 1 (shared with mPCIe)                                                                                                  |
| M.2                       | - 0                                                                                                                      |
| GPIO                      | - 1 (8 bit)                                                                                                              |
| Chassis intrusion         | - 1                                                                                                                      |
| Audio Header              | - 1                                                                                                                      |
| SMBUS/ I2C                | - 1                                                                                                                      |
| AT mode                   | - 1                                                                                                                      |
| TPM Header                | - 1 (on board option)                                                                                                    |
| Others                    | - 0                                                                                                                      |
| <b>Watchdog Timer</b>     |                                                                                                                          |
| Output                    | - From Super I/O to drag RESETCON#                                                                                       |
| Interval                  | - 256 segments, 10sec...255min                                                                                           |
| <b>Power Requirements</b> |                                                                                                                          |
| Input PWR                 | - +9~24V DC-in                                                                                                           |
| Power On                  | AT/ATX Supported<br>- AT : Directly PWR on as Power input ready<br>- ATX: Press Button to PWR on after Power input ready |
| <b>Certifications</b>     |                                                                                                                          |
| Certifications            | - CE, FCC, RoHS, REACH                                                                                                   |
| <b>Environment</b>        |                                                                                                                          |
| Temperature               | - Operating: 0°C ~ 60°C<br>- Storage: -20°C ~ 85°C                                                                       |
| <b>Packing</b>            |                                                                                                                          |
| Packing                   | - Net Weight:<br>- Gross Weight:<br><br>- Color Box dimension:                                                           |