

## XpressO Technical Specifications

<b>User Interface:</b>	4 buttons, 2 data wheels, 20x4 LCD display, graphical patch editor <i>(optional Mainboard Reset button)</i>
<b>Audio In/Out:</b>	Stereo Out (-10 dB unbalanced) - 1/4" Stereo Jack <i>(Line Out or Headphones)</i> Mic In <i>(Microphone 1/8" jack - front)</i> SPDIF Out <i>(RCA connector - rear)</i>
<b>MIDI In/Thru:</b>	1x MIDI In, 1x MIDI Thru, MIDI over USB
<b>USB:</b>	2x USB 3.0 (front) for MIDI over USB, Mouse and QWERTY Keyboard
<b>Internal Storage:</b>	32 GB SATA3 drive 6Gb/s <i>(with power switch for booting from external USB)</i>
<b>Monitor:</b>	Full HD (1920 x 1080) HDMI / mini Display Port
<b>Video Resolution:</b>	1920 x 1080 @ 30Hz
<b>External Storage:</b>	USB 3.0 for global and patch data, software updates, system backup
<b>Pedals &amp; Switches:</b>	1x Expression Pedal, 2x Foot Switch jacks <i>(pedals and switches are not included)</i>
<b>Power Inlet:</b>	12V (± 5%) DC Power Jack (standard 5.5mm/2.1mm barrel jack: internal positive)
<b>Power Supply:</b>	external Wall Plug Transformer (class2) - included Input: 100 – 240V – 50-60Hz, 1000mA Output: 12V DC, 3000mA <i>(optional European or US version)</i>
<b>Size (approx.):</b>	166 x 142 x 81 mm / 6 ½" x 5 ½" x 3 ¼" (without power supply)
<b>Weight (approx.):</b>	950 g / 2.1 lb

## Mainboard Technical Specifications

<b>Processor:</b>	CPU Intel® Celeron N3160 up to 2.24 GHz
<b>GPU:</b>	Intel® HD Graphics 400 up to 640 MHz 12 execution units
<b>RAM:</b>	4 GB DDR3L Dual Channel  Intel® Curie™ module (Quark SE core 32 MHz plus 32-bit ARC core 32 MHz) features Bluetooth LE, 6-axis accelerometer/gyro <u>(for SPDIF Out only!)</u>
<b>Video interfaces:</b>	1x HDMI 1.4 (CEC) 1x Mini DisplayPort ++ (mDP++)
<b>Video Resolution:</b>	Up to 3840 x 2160 24bpp @ 30Hz, 2560 x 1600 24bpp @60Hz
<b>Storage:</b>	1x SATA3 6Gb/s connector 32GB SATA3 SSD drive
<b>Audio interface:</b>	Realtek ALC283 High Definition Audio Codec Microphone + Headphone Combo Connector (TRRS) S/PDIF output
<b>Connectors:</b>	2x USB 3.0 type-A sockets 12V (± 5%) DC Power Jack (standard 5.5mm/2.1mm barrel jack: internal positive) RTC Battery Connector + RTC Coin Battery

Detailed information on the full specifications of the mainboard can be found in the manual here:

[http://download.udoo.org/files/UDOO\\_X86/Doc/UDOO\\_X86\\_MANUAL.pdf](http://download.udoo.org/files/UDOO_X86/Doc/UDOO_X86_MANUAL.pdf)