

XpressO Technical Specifications

User Interface:	4 buttons, 2 data wheels, 20x4 LCD display, graphical patch editor <i>(optional Mainboard Reset button)</i>
Audio In/Out:	Stereo Out (-10 dB unbalanced) - 1/4" Stereo Jack <i>(Line Out or Headphones)</i> Mic In (Microphone 1/8" jack - front) <i>(not guaranteed to work as of 2023!)</i> SPDIF Out <i>(RCA connector - rear)</i>
MIDI In/Thru:	1x MIDI In, 1x MIDI Out/Thru, MIDI over USB
USB:	2x USB 3.0 (front) for MIDI over USB or backups, Mouse and QWERTY Keyboard 2x USB 2.0 (side) - optional
Internal Storage:	32 GB SATA3 drive 6Gb/s <i>(with power switch for booting from external USB)</i>
Monitor:	Full HD (1920 x 1080) HDMI / mini Display Port
Video Resolution:	1920 x 1080 @ 30Hz
External Storage:	USB 3.0 for global and patch data, software updates, system backup
Pedals & Switches:	2x Expression Pedal, 2x Foot Switch jacks for 4 foot switches <i>(pedals and switches are not included)</i>
Power Inlet:	12V (± 5%) DC Power Jack (standard 5.5mm/2.1mm barrel jack: internal positive)
Power Supply:	external Wall Plug Transformer (class2) - included Input: 100 – 240V – 50-60Hz, 1000mA Output: 12V DC, 3000mA <i>(optional European or US version)</i>
Size (approx.):	166 x 142 x 81 mm / 6 ½" x 5 ½" x 3 ¼" (without power supply)
Weight (approx.):	950 g / 2.1 lb

Mainboard Technical Specifications

Processor:	CPU Intel® Celeron N3160 up to 2.24 GHz
GPU:	Intel® HD Graphics 400 up to 640 MHz 12 execution units
RAM:	4 GB DDR3L Dual Channel Intel® Curie™ module (Quark SE core 32 MHz plus 32-bit ARC core 32 MHz)
Video interfaces:	1x HDMI 1.4 (CEC) 1x Mini DisplayPort ++ (mDP++)
Video Resolution:	Up to 3840 x 2160 24bpp @ 30Hz, 2560 x 1600 24bpp @60Hz
Storage:	1x SATA3 6Gb/s connector 32GB SATA3 SSD drive
Audio interface:	Realtek ALC283 High Definition Audio Codec Microphone + Headphone Combo Connector (TRRS) S/PDIF output
Connectors:	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