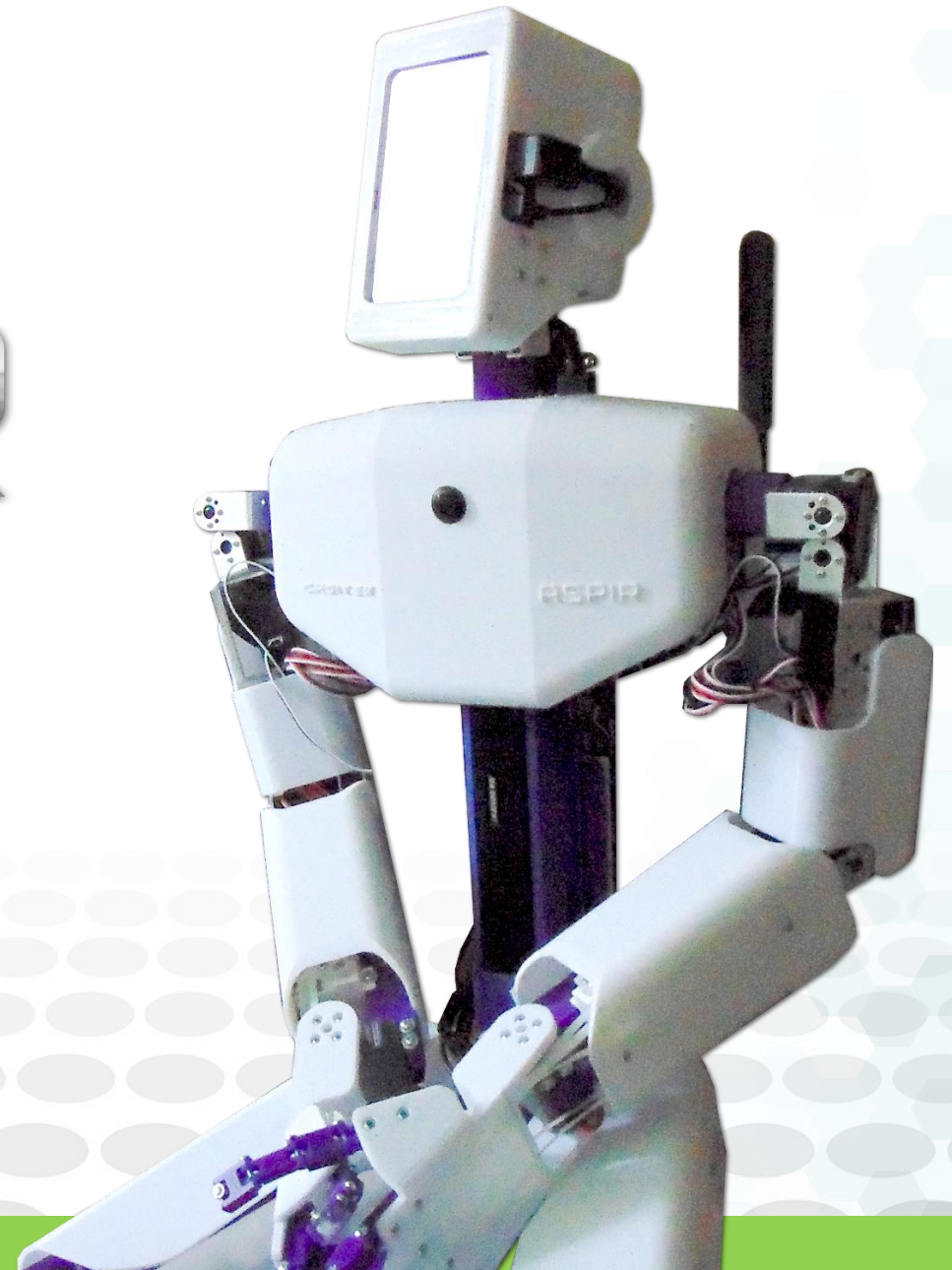


ASPIR

*Autonomous Support and
Positive Inspiration Robot*



Hardware

[DIMENSIONS]

Width: 394mm (1.3ft)

Height: 1220mm (4.0ft)

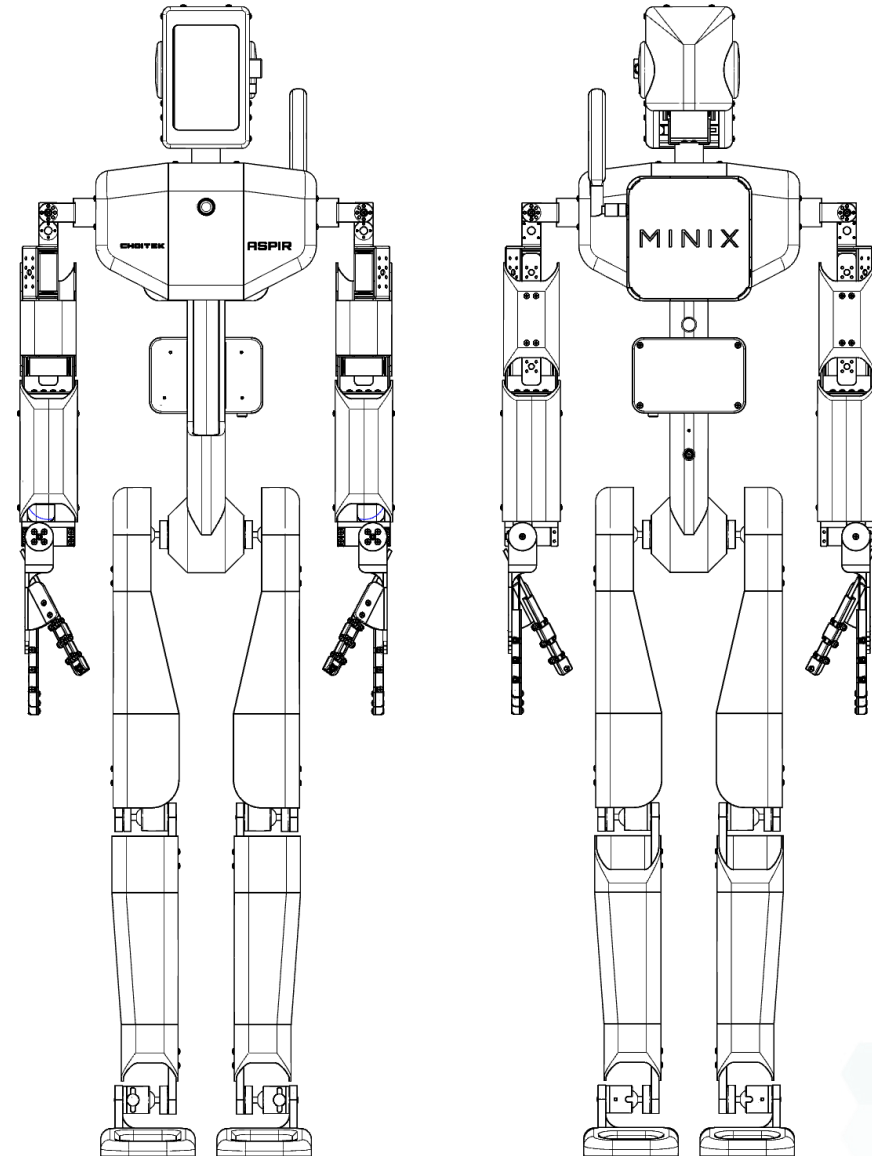
Depth: 360mm (1.2ft)

[POWER]

5V 10A Power Adapter

[MOTORS]

22 Degrees of Freedom



Peripherals

[MICROCONTROLLER]

Arduino Mega 2560 R3 with Sensor Shield V2

[COMPUTER]

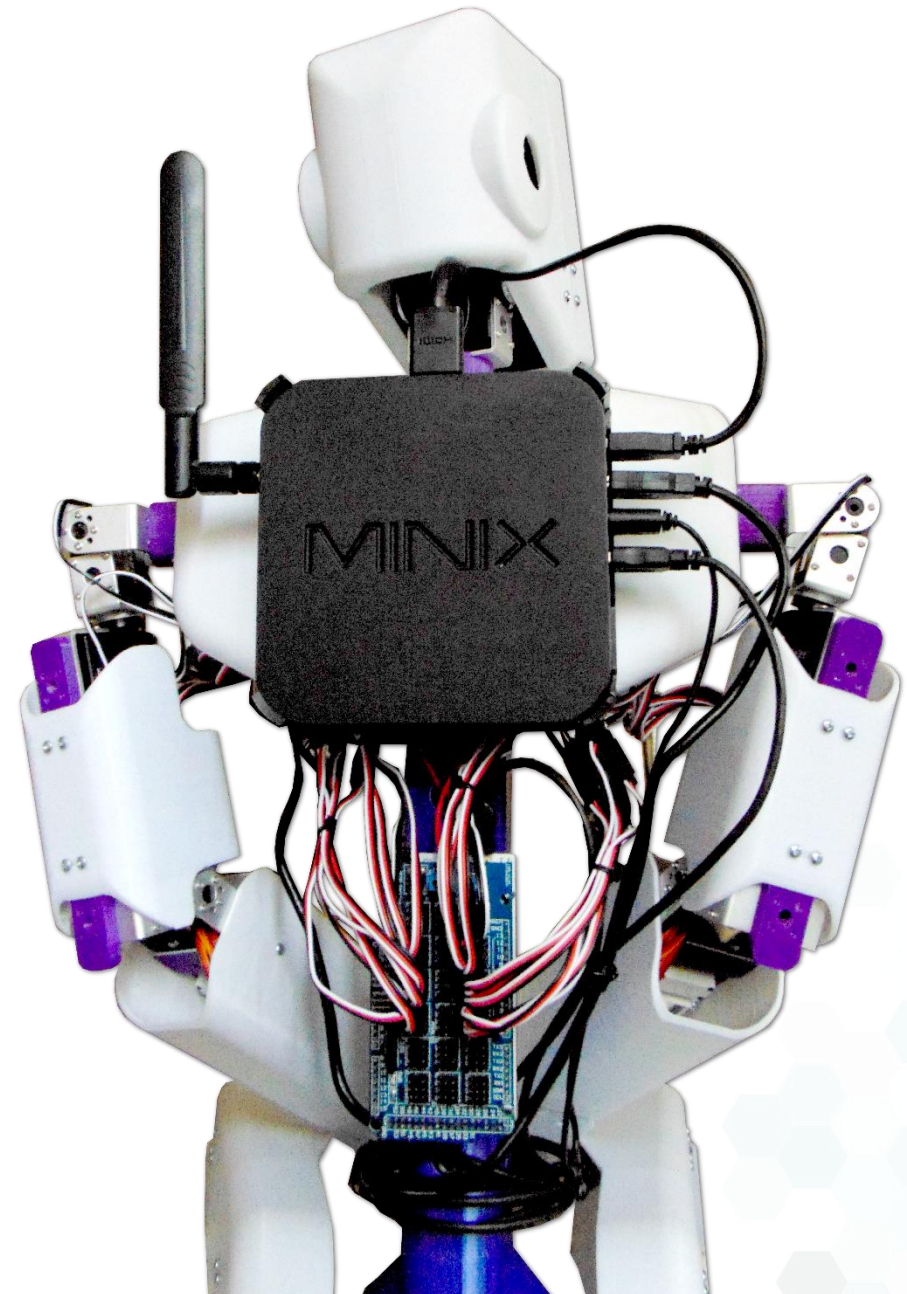
MINIX NEO Z83-4 Pro, Windows 10 Pro (64-bit)

[AUDIO]

USB Computer Speaker Bar

[VIDEO]

ELP-USBFHD01M-L180 webcam



Software

[ARTIFICIAL INTELLIGENCE]

MS PowerPoint.

[COMPUTER VISION]

OpenCV Face Tracking.

[SIMULATION]

3D Graphics Powered by Unity.

[SPEECH]

Text-to-Speech and Speech Recognition Capable.

