

# nino-T



# Spec Sheet

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# Technical Specification

Servos	✓	LED/LCD	✓
Sheet metal skeleton	✓	IMU	✓
Processor	✓	Touch Sensors	✓
Battery	✓	Infrared Sensor	✓
Speaker	✓	Rugged Body	✓
Mic	✓	Wi-Fi	✓
Camera	✓	Cloud Interface	✓

# Features

<b>• Basic Bot Functionality</b> Programmable Actions ✓ Walk ✓ Bow ✓ Clap ✓ Confused ✓ Fall/Get-up ✓ Default state ✓ Sit and Get-up ✓	<b>• Voice Recognition &amp; Voice Assistant</b> Automated Speech Recognition (ASR) ✓ Voice commands ✓ Voice identification ✓ Text to speech ✓
<b>• App</b> Android app (Intuitive app for control) ✓	<b>• Power Save Mode</b> Deep sleep ✓ Standby ✓ Wake-on-events ✓
<b>• Firmware Update</b> Over network ✓ Over Internet ✓ Over USB ✓	<b>• Music</b> Stream from phones/devices ✓ Stream from Cloud ✓
<b>• Connectivity</b> Wi-Fi - 2*2 802.11n ✓	<b>• Dance</b> Random moves ✓ Dancing for the song ✓
<b>• Network Setup</b> SAC (Sirena method for Android devices) ✓	<b>• Ask Anything</b> Search Internet and respond (Weather reports, spellings, countries, cities, capitals, etc) ✓ Learn and construct FAQ ✓

<b>• Camera</b> Object detection ✓ Object identification ✓ Person identification ✓ Face Recognition ✓ Image capture (Send it to appropriate device or cloud) ✓ Video capture (Send it to appropriate device or cloud) ✓ Path identification ◆ Environment mapping & learning ◆
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<b>• Story/Content Narration</b> Download a story ✓ Story narration with action ✓ Interactive start-suspend-resume options ✓ "Say that again" option ✓ "Did not understand" option ✓
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<b>• Maintenance</b> Content creation (Ecosystem material) ✓ Forums (For the Ecosystem) ✓ Service (Service networks) ✓ Training (Trained engineers deployed in the field) ✓ Support (Tech support over emails, phone and in person) ✓
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<b>• Cloud &amp; Store (SAINT*)</b> Every bot to be registered ✓ Data to be collected (Needs user approval) ✓ Apps to be on the store ✓ Sample apps ✓ Developer apps & community setup ✓
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<b>• Communication (SAINT*)</b> Interactive learning ✓ Learn the persons ✓ Learn the bots ✓ Command & control ✓ Interact with cloud for history ✓ Learning surroundings ✓ Ask & learn ✓
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<b>• Group Activities</b> (Everything less than 1ms latency - totally synchronized) Sing together - Chorus, Duet ✓ Dance together - Group dance, Couple dance ✓ Do all the capable actions together ✓ Play football & other games (Use all the interactive data to create moves dynamically) ◆
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<b>• IoT &amp; Home Security</b> Speaker control ✓ Light, thermostat, speaker controls ✓ Camera, security and alarm/notification ✓
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<b>• Software</b> Frequent software updates ✓ Frequent app updates ✓ User manual/instruction manual ✓
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*simply curious*

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