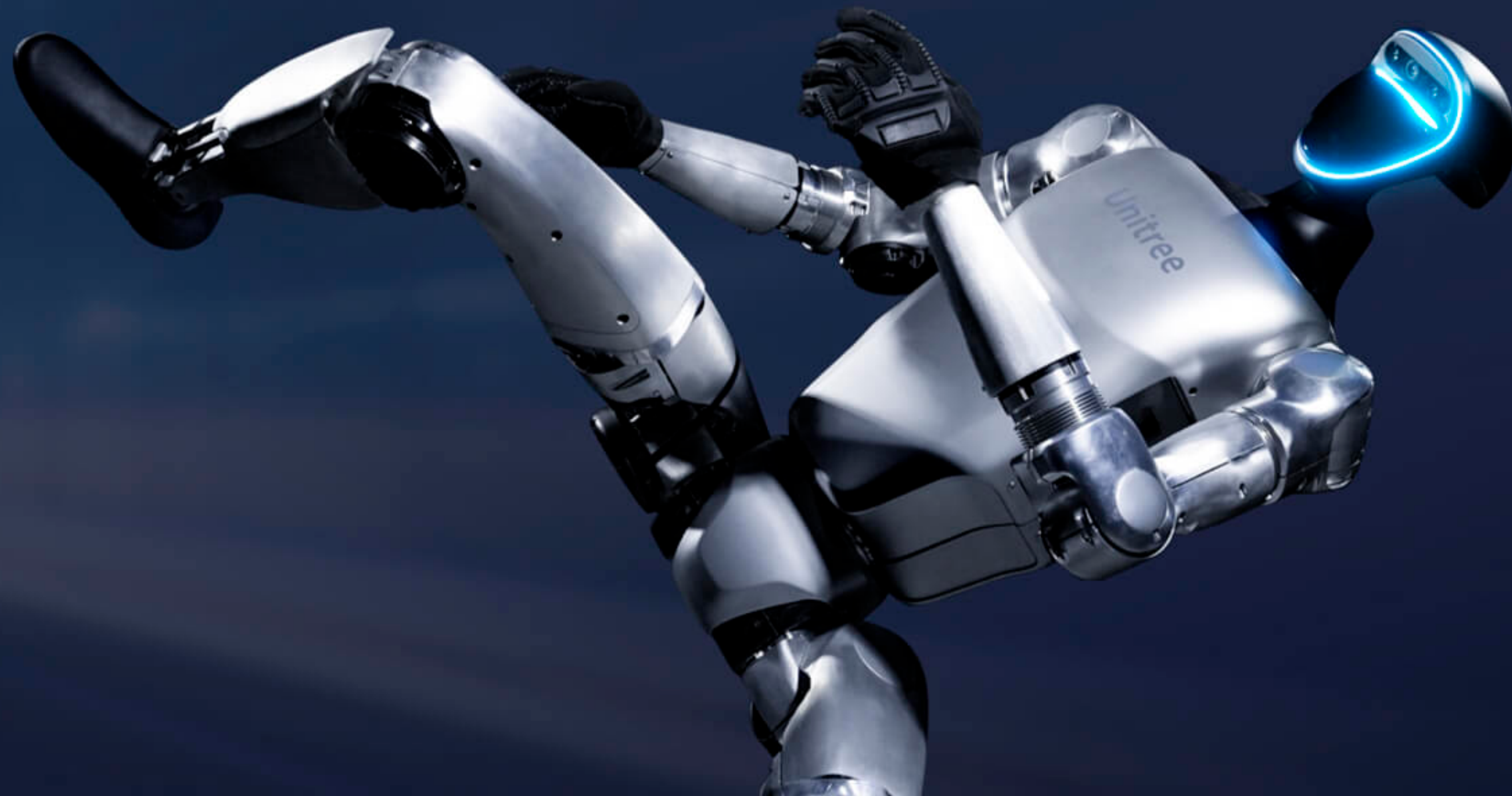


# G1

## Hands



<p><b>Dex3-1 force controlled three finger dexterous hand</b></p>	<ul style="list-style-type: none"> <li>• Strong power, high strength and reliability, industry level</li> <li>• 7 degrees of freedom for one hand: 3 active degrees of freedom for the thumb; Two active degrees of freedom for the index finger; Two active degrees of freedom for the middle finger</li> <li>• Need to distinguish between left and right hands</li> <li>• Note: This is a one-handed price, usually one G1 can be equipped with two dexterous hands as an option</li> </ul>
<p><b>Dex3-1 Force Control Three Finger Agile Hand (Tactile Version)</b></p>	<ul style="list-style-type: none"> <li>• Strong power, high strength and reliability, industry level</li> <li>• 7 degrees of freedom for one hand: 3 active degrees of freedom for the thumb; Two active degrees of freedom for the index finger; Two active degrees of freedom for the middle finger</li> <li>• Need to distinguish between left and right hands</li> <li>• Multi-point tactile array sensor included</li> <li>• Note: This is a one-handed price, usually one G1 can be equipped with two dexterous hands as an option</li> </ul>
<p><b>Dexterous hand</b> *Single hand *Needs to distinguish between left and right hands</p>	<ul style="list-style-type: none"> <li>• Degree of freedom: 6; Number of joints: 12</li> <li>• Repetitive positioning accuracy: <math>\pm 0.20\text{mm}</math></li> <li>• Maximum thumb grip strength: 6N; Maximum grip strength of four fingers: 4N; Grip force resolution: 0.50N</li> <li>• Thumb lateral rotation range <math>&gt;65^\circ</math></li> <li>• Thumb lateral swing speed: 235 <math>^\circ/\text{s}</math></li> <li>• Thumb bending speed: 150 <math>^\circ/\text{s}</math></li> <li>• Four finger bending speed: 570 <math>^\circ/\text{s}</math></li> </ul>