

# Controller Specifications

Model Number	HNC-X8M	HNC-96E	HNC-96DS	HNC-96GR	HNC-91
Type	Standalone	Standalone	Built-in Control Unit to System Controller	Standalone	Standalone
Outer Dimensions (W x D x H, mm)	215 x 430 x 400	216.6 x 401.6 x 400	① 400 x 162.2 x 310 ② 460 x 162.2 x 310	570 x 435 x 515	68 x 126 x 188
Mass (kg)	29.0	20.0	11.0	63.0	0.8
Input Power	3Phase, AC200~240V±10% (Single phase type <sup>※1</sup> can be selected)  ※1: Robot performance differs from standard specifications.	3Phase, AC200~230V±10% (Single phase type <sup>※1</sup> can be selected)  ※1: Robot performance differs from standard specifications.			1Phase <sup>※1</sup> AC200~230V±10% ※1: Robot performance differs from standard specifications.
Safety Category	Category 3	Category 3	Depending on System Controller	Category 3	Category B
Controllable Axis	Max. 6 Axes <sup>※2</sup> ※2: Controllable Axis number depends on each motor capacity.	Max. 4 Axes <sup>※2</sup> ※2: Controllable Axis number depends on each motor capacity.	Max. 6 Axes <sup>※2※2</sup> ※2: Controllable Axis number depends on each motor capacity.	Standard 4 Axes <sup>※2</sup> ※2: Controllable Axis number depends on each motor capacity.	1-Axis <sup>※3</sup> ※3: Max 3 Axes can be controlled by connecting by Link cable (option)
Communication Interface	Parallel I/O CC-Link Device Net Ethernet/IP LAN (RS-232C) <sup>※4</sup>  ※4: Optional spec inside parenthesis.	Parallel I/O CC-Link Device Net	Parallel I/O CC-Link Device Net Ethernet/IP LAN RS-232C	Parallel I/O CC-Link Device Net Ethernet/IP LAN	CC-Link Device Net RS-232C
Applicable Robots (reference type)	Small Cartesian type Robot Scara type Robots, etc.	Small Cartesian type Robot Scara type Robots, etc.	Small Cartesian type Robot Scara type Robots, etc.	Gantry type robots	Small Cartesian type Robot Scara type Robots, etc.
Other specifications				IP20 (with compulsory ventilation) IP50 (with external BOX type ventilation)	