## High-end wheel guide - wheels listed in order of peak power generation

Steering System	Sim-Pli.city 7c High-res encoder version availible +\$105.00	Fanatec CSWv2.5	Sim-Pli.city 10c High-res encoder version availible +\$105.00	Sim-Pli.city 12c High-res encoder version availible +\$105.00	Accuforce v2 DIY	Accuforce v2 YW
	Direct Drive	Belt	Direct Drive	Direct Drive	Direct Drive	Direct Drive
Overall Power Capability	7Nm	8Nm	10Nm	12Nm	13Nm	13Nm
Motor Style	InRunner Servo	Brushless DC	InRunner Servo	InRunner Servo	Hybrid Stepper	Hybrid Stepper
Maximum Specific Output ratio with						
Minimal clipping (50Nm)	.140:1	.160:1	.200:1	.240:1	.260:1	.260:1
Capable Control Interface	Yes	Yes	Yes	Yes	Yes	Yes
Telemetry Mixing	Partial via irFFB Yes	Partial via irFFB Partial	Partial via irFFB Yes	Partial via irFFB Yes	Yes Yes	Yes Yes
Complete Motor Feel Control Additional Software for Immersion	No No	No	No	No	Yes	Yes
Steering Wheel / Button Box Inc.	No	No	No	No	No	No
Steering Wheel Compatibility	70mm PCD Direct	Fanatec Quck Release	70mm PCD Direct	70mm PCD Direct	Extra Cost	70 & 50,2mm PCD Direct
Servo Mounting Hardware	Bracket	Housing	Bracket	Bracket	Extra Cost	Housing
Ext. Pedal / Shifter Compatibility	Expansion Module	Yes - Fanatec	Expansion Module	Expansion Module	Pedal - Button Box via AF	Pedal - Button Box via AF
Warranty	2 Year	1 Year	2 Year	2 Year	1 Year	1 Year
FCC/CE Certification	Unknown	Yes	Unknown	Unknown	Yes	Yes
Price Retail	\$550.00	\$499.95	\$655.00	\$765.00	\$599.00	\$699.00
Estimate for Additional Required parts	\$350.00 min	\$300.00 min	#250.00 min	#250.00 min	\$400.00 min	#250.00 min
(wheel w/button box, ect)	\$350.00 min	\$300.00 mm	\$350.00 min	\$350.00 min	\$400.00 min	\$350.00 min
Total Cost Estimate (US Retail)	\$900.00	\$799.95	\$1,005.00	\$1,105.00	\$999.00	\$1,050.00
Companies Producing Complete						
Products based on the Configuration.	Sim-pli.city	Fanatec	Sim-pli.city	Sim-pli.city	SimXperience	SimXperience, Ricmotech
Steering System	Accuforce v2 Complete Direct Drive	Bodnar SS2 52 Direct Drive	SimuCUBE SC2 Sport Direct Drive	SimuCUBE Small Mige Direct Drive	Fanatec DD1 Direct Drive	Bodnar SS2 53 Direct Drive
Steering System  Overall Power Capability						
Overall Power Capability Motor Style	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive
Overall Power Capability Motor Style Maximum Specific Output ratio with	Direct Drive 13Nm Hybrid Stepper	Direct Drive 16Nm InRunner Servo	Direct Drive 17Nm InRunner Servo	Direct Drive 20Nm InRunner Servo	Direct Drive 20Nm OutRunner Servo	Direct Drive 20.5Nm InRunner Servo
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm)	Direct Drive  13Nm Hybrid Stepper  .260:1	Direct Drive  16Nm InRunner Servo  .320:1	Direct Drive  17Nm InRunner Servo  .340:1	Direct Drive  20Nm InRunner Servo  .400:1	Direct Drive 20Nm OutRunner Servo .400:1	Direct Drive 20.5Nm InRunner Servo .410:1
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes	Direct Drive  16Nm InRunner Servo  .320:1 Yes	Direct Drive  17Nm InRunner Servo  .340:1 Yes	Direct Drive  20Nm InRunner Servo  .400:1 Yes	Direct Drive 20Nm OutRunner Servo .400:1 Yes	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB	Direct Drive  17Nm InRunner Servo  .340:1  Yes Partial via irFFB	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB	Direct Drive 20Nm OutRunner Servo .400:1 Yes Partial via irFFB	Direct Drive 20.5Nm InRunner Servo .410:1 Yes Partial via irFFB
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial	Direct Drive  17Nm InRunner Servo  .340:1  Yes Partial via irFFB Yes	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes	Direct Drive 20Nm OutRunner Servo .400:1 Yes Partial via irFFB Yes	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes Partial via irFFB Partial
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes Yes	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via iFFB Partial No	Direct Drive  17Nm InRunner Servo  .340:1	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No	Direct Drive 20Nm OutRunner Servo .400:1 Yes Partial via irFFB Yes No	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes Partial via irFFB Partial No
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc.	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes Yes Yes Yes	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial No No	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No	Direct Drive  20Nm  OutRunner Servo  .400:1  Yes  Partial via irFFB  Yes  No  No	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes Partial via irFFB Partial No No
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes Yes Yes Yes Yonm Quick Release	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial No No Extra Cost	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No No 50.2 & 70mm Quick Release	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No 70mm PCD Direct	Direct Drive  20Nm  OutRunner Servo  .400:1  Yes  Partial via irFFB  Yes  No  No Fanatec Quck Release	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes Partial via irFFB Partial No No Extra Cost
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility Servo Mounting Hardware	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes Yes Yos Yes Yes Housing	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No No 50.2 & 70mm Quick Release Bracket	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No 70mm PCD Direct Bracket	Direct Drive  20Nm  OutRunner Servo  .400:1 Yes  Partial via irFFB Yes No No Fanatec Quck Release Housing	Direct Drive  20.5Nm InRunner Servo  .410:1     Yes Partial via irFFB     Partial     No     No     Extra Cost Extra Cost
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility Servo Mounting Hardware Ext. Pedal / Shifter Compatibility	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes Yes Yos Tomm Quick Release Housing Pedal	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost No	Direct Drive  17Nm InRunner Servo  .340:1	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No 70mm PCD Direct	Direct Drive  20Nm OutRunner Servo  .400:1 Yes Partial via irFFB Yes No No Fanatec Quck Release Housing Yes - Fanatec	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost No
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility Servo Mounting Hardware	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes Yes Yos Yes Yes Housing	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No No 50.2 & 70mm Quick Release Bracket	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No 70mm PCD Direct Bracket Yes	Direct Drive  20Nm  OutRunner Servo  .400:1 Yes  Partial via irFFB Yes No No Fanatec Quck Release Housing	Direct Drive  20.5Nm InRunner Servo  .410:1     Yes Partial via irFFB     Partial     No     No     Extra Cost Extra Cost
Overall Power Capability Motor Style Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility Servo Mounting Hardware Ext. Pedal / Shifter Compatibility Warranty	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes Yes Yes Yes Housing Pedal 1 Year	Direct Drive  16Nm InRunner Servo  .320:1     Yes Partial via irFFB Partial     No     No Extra Cost Extra Cost No Unknown	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No No 50.2 & 70mm Quick Release Bracket Pedal 2 Year	Direct Drive  20Nm InRunner Servo  .400:1     Yes Partial via irFFB     Yes     No     No 70mm PCD Direct Bracket     Yes     2 Year	Direct Drive  20Nm  OutRunner Servo  .400:1  Yes  Partial via irFFB  Yes  No  No  Fanatec Quck Release  Housing Yes - Fanatec  3 Year	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost No Unknown
Overall Power Capability Motor Style  Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility Servo Mounting Hardware Ext. Pedal / Shifter Compatibility Warranty FCC/CE Certification	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost Extra Cost Unknown Unknown Unknown \$3,855.00	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No No 50.2 & 70mm Quick Release Bracket Pedal 2 Year Yes  \$1,075.00	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No 70mm PCD Direct Bracket Yes 2 Year Individual Components  \$1,055.00	Direct Drive  20Nm OutRunner Servo  .400:1 Yes Partial via irFFB Yes No No Fanatec Quck Release Housing Yes - Fanatec 3 Year Yes \$1,199.00	Direct Drive  20.5Nm InRunner Servo  .410:1     Yes Partial via irFFB Partial     No     No Extra Cost Extra Cost No Unknown Unknown \$3,935.00
Overall Power Capability Motor Style  Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility Servo Mounting Hardware Ext. Pedal / Shifter Compatibility Warranty FCC/CE Certification  Price Retail	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost Extra Cost Unknown Unknown	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No No 50.2 & 70mm Quick Release Bracket Pedal 2 Year Yes	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No 70mm PCD Direct Bracket Yes 2 Year Individual Components	Direct Drive  20Nm OutRunner Servo  .400:1 Yes Partial via irFFB Yes No No Fanatec Quck Release Housing Yes - Fanatec 3 Year Yes	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost Extra Cost Unknown Unknown
Overall Power Capability Motor Style  Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility Servo Mounting Hardware Ext. Pedal / Shifter Compatibility Warranty FCC/CE Certification  Price Retail Estimate for Additional Required parts	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost Extra Cost Unknown Unknown Unknown \$3,855.00	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No No 50.2 & 70mm Quick Release Bracket Pedal 2 Year Yes  \$1,075.00	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No 70mm PCD Direct Bracket Yes 2 Year Individual Components  \$1,055.00	Direct Drive  20Nm OutRunner Servo  .400:1 Yes Partial via irFFB Yes No No Fanatec Quck Release Housing Yes - Fanatec 3 Year Yes \$1,199.00	Direct Drive  20.5Nm InRunner Servo  .410:1     Yes Partial via irFFB Partial     No     No Extra Cost Extra Cost No Unknown Unknown \$3,935.00
Overall Power Capability Motor Style  Maximum Specific Output ratio with Minimal clipping (50Nm) Intuitive Control Interface Telemetry Mixing Complete Motor Feel Control Additional Software for Immersion Steering Wheel / Button Box Inc. Steering Wheel Compatibility Servo Mounting Hardware Ext. Pedal / Shifter Compatibility Warranty FCC/CE Certification  Price Retail Estimate for Additional Required parts (wheel hardware, ect)	Direct Drive  13Nm Hybrid Stepper  .260:1 Yes Yes Yes Yes Yes Yes Yes Yes Yes 70mm Quick Release Housing Pedal 1 Year Yes \$999.00 \$0.00	Direct Drive  16Nm InRunner Servo  .320:1 Yes Partial via iFFB Partial No No Extra Cost Extra Cost Extra Cost Unknown Unknown Unknown \$3,855.00	Direct Drive  17Nm InRunner Servo  .340:1 Yes Partial via irFFB Yes No No 50.2 & 70mm Quick Release Bracket Pedal 2 Year Yes \$1,075.00 \$350.00 min	Direct Drive  20Nm InRunner Servo  .400:1 Yes Partial via irFFB Yes No No 70mm PCD Direct Bracket Yes 2 Year Individual Components  \$1,055.00 \$250.00 min	Direct Drive  20Nm OutRunner Servo  .400:1 Yes Partial via irFFB Yes No No Son Fanatec Quck Release Housing Yes - Fanatec 3 Year Yes \$1,199.00 \$300.00 min	Direct Drive  20.5Nm InRunner Servo  .410:1 Yes Partial via irFFB Partial No No Extra Cost Extra Cost Extra Cost Unknown Unknown Unknown \$3,935.00 \$525.00 min

Steering System	Fanatec DD2 Direct Drive	SimuCUBE SC2 Pro Direct Drive	Bodnar SS2 54 Direct Drive	SimuCUBE Large Mige Direct Drive	SimuCUBE SC2 Ultimate Direct Drive
Overall Power Capability	25Nm	25Nm	26Nm	27.9Nm	32Nm
Motor Style	OutRunner Servo	InRunner Servo	InRunner Servo	InRunner Servo	InRunner Servo
Maximum Specific Output ratio with					
Minimal clipping (50Nm)	.500:1	.500:1	.520:1	.558:1	.640:1
Intuitive Interface	Yes	Yes	Yes	Yes	Yes
Telemetry Mixing	Partial via irFFB	Partial via irFFB	Partial via irFFB	Partial via irFFB	Partial via irFFB
Complete Motor Feel Control	Yes	Yes	Partial	Yes	Yes
Additional Software for Immersion	No	No	No	No	No
Steering Wheel / Button Box Inc.	No	No	No	No	No
Steering Wheel Compatibility	Fanatec Quck Release	50.2 & 70mm Quick Release	Extra Cost	70mm PCD Direct	50.2 & 70mm Quick Release
Servo Mounting Hardware	Housing	Bracket	Extra Cost	Bracket	Bracket
xt. Pedal / Shifter Compatibility	Yes - Fanatec	Pedal	No	Yes	Pedal
Warranty	5 Year	2 Year	Unknown	2 Year	5 Year
FCC/CE Certification	Yes	Yes	Unknown	Individual Components	Yes
Price Retail	\$1,499.00	\$1,260.00	\$4,250.00	\$1,200.00	\$2,800.00
Estimate for Additional Required parts (wheel hardware, ect)	\$300.00 min	\$350.00 min	\$525.00 min	\$250.00 min	\$350.00 min
Total Cost Estimate (US Retail)	\$1,799.00	\$1,610.00	\$4,775.00	\$1,450.00	\$3,150.00
Companies Producing Complete Products based on the Configuration.	Fanatec	SimRacingBay, Augury, & Others	Bodnar, Pro-Sim	SimRacingBay, Augury, & Others	SimRacingBay, Augury, & Others