

NAPCS Product List for NAICS 8112: Electronic and Precision Equipment Repair and Maintenance

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Méx	US	Title	Definition	NAICS Industries Producing the Product
8112	1					Maintenance and repair services for electronic and precision equipment	<p>Providing repair or maintenance services, including installation of replacement parts, for electronic or precision equipment. Includes cleaning services for electronic and precision equipment.</p> <p>Includes:</p> <ul style="list-style-type: none"> • parts or software bundled with maintenance and repair services. <p>Excludes:</p> <ul style="list-style-type: none"> • maintenance and repair services bundled with rental and leasing of electronic and precision equipment. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • parts or software sold separately are in the products under 2.1, Reselling services for merchandise, retail. 	8112 33331 33411 3342 33431 3345 54151
8112	1.1	X				Maintenance and repair services for computer hardware and peripheral equipment	<p>Providing maintenance and repair services, including installation of replacement parts, for computers, computer peripheral equipment, and other data processing equipment.</p> <p>Includes:</p> <ul style="list-style-type: none"> • technical support services and parts or software bundled with maintenance and repair services. • upgrading an existing computer system (i.e. providing and installing replacement parts or additional parts) for an existing computer system. • maintenance and repair services for computer printers, scanners, and monitors, etc. <p>Excludes:</p> <ul style="list-style-type: none"> • IT technical assistance services sold separately are in product 2.6, IT technical support services. • maintenance and repair services bundled with rental and leasing of computer hardware or peripheral equipment. • computer hardware parts or software sold separately are in the products under 2.1.1, Reselling services for computer hardware and software, retail. • maintenance and repair services for televisions are in product 1.4.1, Maintenance and repair services for televisions. <p>Continued below.</p>	334111 334112 334113 334119 334611 54151

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8112	1.1 Cont'd						<ul style="list-style-type: none"> • maintenance and repair services for external speakers are in product 1.4.2, Maintenance and repair services for home sound equipment. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of computer systems, with or without installation, is in product 2.1.1, Reselling services for computer hardware and software, retail. 	
8112	1.1.1				X	Maintenance and repair services for computer hard-drives	<p>Providing maintenance and repair services, including installation of replacement parts, for computer hard-drives.</p> <p>Includes:</p> <ul style="list-style-type: none"> • technical support services and parts or software bundled with maintenance and repair services. • providing a back-up of a computer hard-drive when bundled with maintenance and repair. • performing recovery operations on a failed hard-drive. • replacing a hard drive. <p>Excludes:</p> <ul style="list-style-type: none"> • IT technical assistance services sold separately are in product 2.6, IT technical support services. • hard drives sold separately are in product 2.1.1, Reselling services for computer hardware and software, retail. • computer hardware parts or software (such as computer operating systems, or hard drive utility programs) sold separately are in product 2.1.1, Reselling services for computer hardware and software, retail. • retailing of computer systems, with or without installation, is in product 2.1.1, Reselling services for computer hardware and software, retail. 	

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8112	1.1.2				X	Maintenance and repair services for computer hardware, except hard-drives	<p>Providing maintenance and repair services, including installation of replacement parts, for other computer hardware components, except hard-drives. Service may include installation of drivers or other software for the operation of the hardware.</p> <p>Includes:</p> <ul style="list-style-type: none"> • technical support services and parts or software bundled with maintenance and repair services. • upgrading of hardware components, except hard drives (i.e. providing and installing replacement parts, except hard drives) for an existing computer system. <p>Excludes:</p> <ul style="list-style-type: none"> • IT technical assistance services sold separately are in product 2.6, IT technical support services. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of computer systems, with or without installation, is in product 2.1.1, Reselling services for computer hardware and software, retail. • computer hardware parts or software (such as computer hardware drivers) sold separately are in product 2.1.1, Reselling services for computer hardware and software, retail. 	

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8112	1.1.3				X	Maintenance and repair services for computer peripherals	Providing maintenance and repair services, including installation of replacement parts, for equipment peripheral to computers, or other data-processing equipment. Includes: • technical support services and parts or software bundled with maintenance and repair services. • maintenance and repair services for home and office printers, computer scanners, and computer monitors, etc. Excludes: • IT technical assistance services sold separately are in product 2.6, IT technical support services. • maintenance and repair services bundled with rental and leasing of computer peripheral equipment. • parts for computer peripheral equipment sold separately are in product 2.1.1, Reselling services for computer hardware and software, retail. • maintenance and repair services for televisions are in product 1.4.1, Maintenance and repair services for televisions. • maintenance and repair services for external speakers are in product 1.4.2, Maintenance and repair services for home sound equipment. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of computer peripheral devices, with or without installation, is in product 2.1.1, Reselling services for computer hardware and software, retail.	334119

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8112	1.2	X				Maintenance and repair services for communication and navigation equipment	Providing maintenance and repair services, including installation of replacement parts, for communications and navigation equipment. Includes: • parts or software bundled with maintenance and repair services. • maintenance and repair services for telecommunications routers and switches, broadcasting equipment, two-way radios, cellular telephones, global positioning system devices, and handheld computers (PDA's), etc. Excludes: • maintenance and repair services bundled with rental and leasing of communications equipment. • replacement parts for communication equipment, sold separately, are in the products under 2.1, Reselling services for merchandise, retail. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing and installation of complete communications equipment systems or devices are in product 2.1.2, Reselling services for other electronic and precision equipment, retail. Includes products 2.4.2 and 2.5.3 on 515 & 5175 list and 4.4 on 517 ex, 5175 list.	334210 334220 334290

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8112	1.3	X				Maintenance and repair services for office equipment, except computer hardware and peripheral equipment	Providing maintenance and repair services, including installation of replacement parts, for office equipment. Includes: <ul style="list-style-type: none"> • parts or software bundled with maintenance and repair services. • maintenance and repair services for fax machines, shredders, and copy machines, etc. Excludes: <ul style="list-style-type: none"> • maintenance and repair services bundled with rental and leasing of office equipment. • replacement parts for office equipment, sold separately, are in the products under 2.1, Reselling services for merchandise, retail. • maintenance and repair services for computers are in product 1.1, Maintenance and repair services for computer hardware and peripheral equipment. • maintenance and repair services for televisions are in product 1.4.1, Maintenance and repair services for televisions. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of office machines, systems, or devices, with or without installation, are in product 2.1.2, Reselling services for other electronic and precision equipment, retail. 	333313
8112	1.4	X				Maintenance and repair services for consumer electronics, except computer hardware and peripheral equipment	Providing maintenance and repair services, including installation of replacement parts, for consumer electronic equipment, except computer hardware and computer peripherals. Includes: <ul style="list-style-type: none"> • parts or software bundled with maintenance and repair services. • maintenance and repair services for televisions, home sound systems, radios, VCRs, DVD players, digital video recorders, game consoles, and digital cameras, etc. Excludes: <ul style="list-style-type: none"> • maintenance and repair services bundled with rental and leasing of consumer electronic equipment. • maintenance and repair services for computers, are in product 1.1, Maintenance and repair services for computer hardware and peripheral equipment. • maintenance and repair services for household-type appliances. • maintenance and repair services for recreational equipment. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of consumer electronics systems or devices, with or without installation, are in product 2.1.2, Reselling services for other electronic and precision equipment, retail. 	811211 334310 335211

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8112	1.4.1				X	Maintenance and repair services for televisions	Providing maintenance and repair services, including installation of replacement parts, for televisions. Includes: • parts or software bundled with maintenance and repair services. Excludes: • maintenance and repair services bundled with rental and leasing of televisions. • parts for computers or television monitors sold separately are in the products under 2.1, Reselling services for merchandise, retail. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of televisions or other home screens, with or without installation, are in product 2.1.2, Reselling services for other electronic and precision equipment, retail.	334119 334310
8112	1.4.2				X	Maintenance and repair services for home sound equipment	Providing maintenance and repair services, including installation of replacement parts, for home sound equipment. Includes: • parts or software bundled with maintenance and repair services. • maintenance and repair services for home stereos and sound systems and external speakers, etc. Excludes: • maintenance and repair services bundled with rental and leasing of home sound equipment. • parts for home sound equipment sold separately are in the products under 2.1, Reselling services for merchandise, retail. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing and installation of complete home sound machines, systems, or devices are in product 2.1.2, Reselling services for other electronic and precision equipment, retail.	334310

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8112	1.4.9				X	Maintenance and repair services for other consumer electronics	Providing maintenance and repair services, including installation of replacement parts, for other consumer electronic equipment. Includes: <ul style="list-style-type: none"> • parts or software bundled with maintenance and repair services. • maintenance and repair services for radios, video cassette recorders (VCRs), digital versatile disc (DVD) players, digital video recorders, game consoles, and digital cameras, etc. Excludes: <ul style="list-style-type: none"> • maintenance and repair services bundled with rental and leasing of other consumer electronic equipment. • parts for other consumer electronic equipment sold separately are in the products under 2.1, Reselling services for merchandise, retail. • maintenance and repair services for computers, except monitors, are in product 1.1, Maintenance and repair services for computer hardware and peripheral equipment. • maintenance and repair services for televisions are in product 1.4.1, Maintenance and repair services for televisions. Continued below.	334119 334310
	1.4.9 Cont'd						<ul style="list-style-type: none"> • maintenance and repair services for external speakers are in product 1.4.2, Maintenance and repair services for home sound equipment. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of consumer electronic machines, systems, or devices, with or without installation, are in product 2.1.2, Reselling services for other electronic and precision equipment, retail. 	

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8112	1.5	X				Maintenance and repair services for precision electronic medical equipment	Providing maintenance and repair services, including installation of replacement parts, for precision electronic medical equipment. Includes: • parts or software bundled with maintenance and repair services. • maintenance and repair services for X-Ray equipment, computerized axial tomography (CT/CAT) scanners, and magnetic resonance imaging (MRI) devices, etc. Excludes: • maintenance and repair services bundled with rental and leasing of precision electronic medical equipment. • parts for precision electronic medical equipment sold separately are in the products under 2.1, Reselling services for merchandise, retail. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of precision electronic medical equipment, machines, systems, or devices, with or without installation, are in product 2.1.2, Reselling services for other electronic and precision equipment, retail.	334510
8112	1.9	X				Maintenance and repair services for other electronic and precision equipment	Providing maintenance and repair services, including installation of replacement parts, for other electronic or precision equipment. Includes parts or software bundled with maintenance and repair services. Includes: • maintenance and repair services for weighing and other measuring equipment, control instruments, surgical and medical instruments and apparatus, stadium or arena scoreboards and sound systems, etc. Excludes: • maintenance and repair services bundled with rental and leasing of other electronic or precision equipment. • parts for other electronic or precision equipment sold separately are in the products under 2.1, Reselling services for merchandise, retail. • maintenance and repair services for communications equipment are in product 1.2, Maintenance and repair services for communication and navigation equipment. • maintenance and repair services for computers and computer peripherals, are in product 1.1, Maintenance and repair services for computer hardware and peripheral equipment. (Continued below)	334510 334511

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8112	1.9 Cont'd						<ul style="list-style-type: none"> • repair or maintenance services for office equipment are in product 1.3, Maintenance and repair services for office equipment, except computer hardware and peripheral equipment. • maintenance and repair services for televisions are in product 1.4.1, Maintenance and repair services for televisions. • maintenance and repair services for external speakers are in product 1.4.2, Maintenance and repair services for home sound equipment. • maintenance and repair services for other consumer electronics are in product 1.4.9, Maintenance and repair services for other consumer electronics. • maintenance and repair services for precision electronic medical equipment are in product 1.5, Maintenance and repair services for precision electronic medical equipment. • maintenance and repair services for home appliances. • sales of electronic and precision equipment rebuilt by the selling establishment are in product 2.4, Rebuilt electronic and precision equipment. • retailing of other electronic or precision equipment, machines, systems, or devices, with or without installation, are in product 2.1.2, Reselling services for other electronic and precision equipment, retail. 	
8112	2					Related products	Other important products provided by establishments classified in NAICS 8112.	8112 others
8112	2.1	X				Reselling services for merchandise, retail	<p>Retailing of merchandise purchased on own account for resale or sold on a fee or commission basis for others. Includes reselling of apparel, memorabilia, publications, prepackaged foods and beverages, and other merchandise. Also includes vending machine sales. Revenue for this product includes the gross margin, fees, and commissions earned on sales.</p> <p>Excludes:</p> <ul style="list-style-type: none"> • parts or software bundled with maintenance and repair services are in products under 1, Maintenance and repair services for electronic and precision equipment. <p>Same as product 15.1 on 711 list.</p>	442110 444210 448110 448120 448130 448140 448150 448190 448210 448310 448320 451110 451120 451140 452111 452112 452910 452990 811411 811412 811420 811430 811490 812310 812320

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8112	2.1.1			X	X	Reselling services for computer hardware and software, retail	<p>Retailing of computer hardware and software purchased on own account for resale or sold on a fee or commission basis for others. May include installation and training services that are bundled with reselling services for computer hardware and software. Revenue for this product includes the gross margin, fees, and commissions earned on sales.</p> <p>Excludes:</p> <ul style="list-style-type: none"> • computer parts or software sold as a bundle with maintenance and repair services are in product 1.1, Maintenance and repair services for computer hardware and peripheral equipment. <p>Same as product 2.7.1 on 5112 et al list.</p>	8112
8112	2.1.2			X	X	Reselling services for other electronic and precision equipment, retail	<p>Retailing of electronic and precision equipment, except computer hardware and software, purchased on own account for resale or sold on a fee or commission basis for others. May include installation and training services that are bundled with reselling services for electronic equipment. Revenue for this product includes the gross margin, fees, and commissions earned on sales.</p> <p>Excludes:</p> <ul style="list-style-type: none"> • parts for communications equipment sold as a bundle with maintenance and repair services are in product 1.2, Maintenance and repair services for communication and navigation equipment. • parts for office equipment sold as a bundle with maintenance and repair services are in product 1.3, Maintenance and repair services for office equipment, except computer hardware and peripheral equipment. <p>(Continued below)</p>	8112
8112	2.1.2 Cont'd						<ul style="list-style-type: none"> • parts for consumer electronics sold as a bundle with maintenance and repair services are in product 1.4, Maintenance and repair services for consumer electronics, except computer hardware and peripheral equipment. • parts for precision electronic medical equipment sold as a bundle with maintenance and repair services are in product 1.5, Maintenance and repair of precision electronic medical equipment. • parts for other electronic and precision equipment sold as a bundle with maintenance and repair services are in product 1.9, Maintenance and repair of other electronic and precision equipment. <p>Includes products 3.3 on 515 & 5175 list, 4.2 on 517 ex. 5175 list, and 2.1 on 54138 list.</p>	

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8112	2.1.9			X	X	Reselling services for merchandise, except computer hardware and software and other electronic and precision equipment, retail	Retailing of merchandise (except computer hardware and software and other electronic and precision equipment) purchased on own account for resale or sold on a fee or commission basis for others. Includes reselling of apparel, memorabilia, publications, prepackaged foods and beverages, and other merchandise. Also includes vending machine sales. Revenue for this product includes the gross margin, fees, and commissions earned on sales.	8112
8112	2.2	X				Testing services for machinery and equipment	<p>Performing specific tests on machinery, equipment, supplies and appliances. Includes testing electrical and electronic devices and equipment; boilers, pressure vessels and pipe work; transportation vehicles and equipment; machinery and mechanical appliances; energy generating equipment and appliances; and other machinery and equipment.</p> <p>Includes:</p> <ul style="list-style-type: none"> laboratory and field testing services. miscellaneous testing support services, such as sample collection. <p>Excludes:</p> <ul style="list-style-type: none"> consulting services in testing and related fields sold separately <p>Same as product 1.1.20 on 54138 list.</p>	8112

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8112	2.3		X	X	X	Rental of electronic and precision equipment, commercial/industrial	Renting or leasing electronic and precision equipment primarily for commercial and industry use. Includes: • renting or leasing computers and peripheral equipment; communication and navigation equipment; electronic office equipment, except computer hardware and peripherals; precision electronic medical equipment; navigational instruments; weighing and other measuring equipment; control instruments; surgical and medical instruments and apparatus; and stadium or arena scoreboards and sound systems, etc. • delivery/pick-up, insurance (e.g., property, liability, warranty, and damage waiver), setup and takedown charges, maintenance and repair services, and other services bundled with the rent or lease agreement. Excludes: • providing finance/capital leases. • renting and leasing equipment with operators. • maintenance and repair services sold separately from rental and leasing are in product group 1, Maintenance and repair services for electronic and precision equipment. • delivery/pick-up services sold separately from rental and leasing. Subset of products 1.2 and 1.9.2 on 5324 list.	8112
8112	2.4		X		X	Rebuilt electronic and precision equipment	Electronic and precision equipment rebuilt for sale by the selling establishment. Excludes: • rebuilt electronic and precision equipment bundled with maintenance and repair services is included in product group 1, according to the type of equipment repaired.	8112
8112	2.5		X			Construction services	Maintenance and repair of building machinery and equipment, such as environmental control systems.	8112
8112	2.6				X	IT technical support services	Providing technical expertise to solve problems for the client in using software, hardware, or entire computer system. Excludes: • technical support bundled with maintenance and repair services for computer hardware is in product 1.1, Maintenance and repair services for computer hardware and peripheral equipment. Same as product 1.5 on 5112 et al list.	511210 518111 518210 54151
8112	2.9	X				Other related products	Other related products provided by establishments classified in NAICS 8112. Includes rental and leasing of goods.	8112 others