





CI-534	CI-J8000	CI-DEG-3000	CI-DEG-5000
<b>Applications</b> <ul style="list-style-type: none"> <li>Small to medium sized Niagara integration/control projects</li> <li>Applications requiring on-board IO</li> <li>Compact IO allows for installation in space sensitive hardware panels</li> <li>Example applications include AHU controller, chiller plant controller, Niagara IO data gateway, basic graphics server</li> </ul>	<b>Applications</b> <ul style="list-style-type: none"> <li>Medium to large sized applications</li> <li>Specifically designed for easy installation and operation with Niagara</li> <li>Ideal for aggregating data via Niagara and passing to Niagara Supervisor</li> <li>Example applications include equipment controller, data gateway, small building BMS, basic graphic server</li> </ul>	<b>Applications</b> <ul style="list-style-type: none"> <li>On site or mobile installations</li> <li>Ideal for harsh environments</li> <li>Critical applications</li> <li>Medium to large scale Niagara integration/control projects</li> <li>Dashboard web server</li> <li>Examples applications include building supervisor, chiller plant controller, IoT gateway, in-vehicle IoT applications</li> </ul>	<b>Applications</b> <ul style="list-style-type: none"> <li>Medium to large scale Niagara integration/control projects</li> <li>Data analytics</li> <li>Critical applications</li> <li>Example applications include building or campus Niagara supervisor, equipment controller, building management system</li> </ul>

CI-534	CI-J8000	CI-DEG-3000	CI-DEG-5000
			
<p>A new generation of IoT controller utilising the Niagara framework and providing 34 points of IO on board. The CI-534 delivers edge connectivity, data</p>	<p>The J-8000 controller operates with Niagara 4 for optimum performance. This controller is designed for use in larger facilities, multi-building</p>	<p>The 3000 series is compact, low power and ready for challenging field and mobile use cases. These devices are designed to aggregate, secure, analyse</p>	<p>The 5000 series controllers are designed to aggregate, secure and relay data from diverse sensors and equipment. The processor provides</p>



<p>access and control for today's small to mid-sized facilities, plant control, M2M and IoT applications.</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>Fully programmable Niagara 4 controller</li> <li>34 points of Inputs/Outputs</li> <li>Extremely compact allowing flexibility in configurations of IO</li> <li>Add to CI-XM34IO or CI-XM34IO-B with a maximum of 8 additional extender modules and a maximum of 306 points</li> <li>Standard drivers (Niagara Network, BACnet, Modbus, Web) and compatible with additional drivers</li> </ul>	<p>applications and large-scale control system integrations.</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>Wi-Fi &amp; Ethernet connectivity</li> <li>Fully programmable Niagara 4 controller</li> <li>Removeable micro-SD card with 4GB flash total storage and 2GB user storage</li> <li>RS-485 connection</li> <li>Standard drivers (Niagara Network, BACnet, Modbus, Web) and compatible with additional drivers</li> </ul>	<p>and relay data from diverse sensors and equipment at the edge of the network.</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>Wide connectivity via Wi-Fi, Bluetooth, cellular broadband or 10/100 Ethernet</li> <li>Can reliably run 24x7 at extended temperatures</li> <li>Windows 10</li> <li>Video output</li> <li>Used as: <ul style="list-style-type: none"> <li>Niagara 4 controller</li> <li>Atrius Solutions Builder</li> <li>SkySpark</li> </ul> </li> </ul>	<p>capacity to perform local analytics so only meaningful information is sent to the next tier.</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>Wide connectivity via Wi-Fi, Bluetooth, cellular broadband or 10/100 Ethernet</li> <li>Video output</li> <li>Can reliably run 24x7 at extended temperatures</li> <li>Windows 10</li> <li>Increased memory and processor capabilities</li> <li>Used as: <ul style="list-style-type: none"> <li>Niagara 4 controller</li> <li>Atrius Solutions Builder</li> <li>SkySpark</li> </ul> </li> </ul>
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Features	CI-534	CI-J8000	CI-DEG-3000	CI-DEG-5000	
<b>IO</b>	16 X Universal Inputs 10 X Digital Outputs 8 X Analog Outputs  <i>Add on 34 point IO modules available</i>	Add on 16 or 34 point IO module available			
<b>Wired Communication</b>	2 X 10/100MB Ethernet 2 X RS-485 1 x Mini-B USB 1 X Micro USB	2 X RS485 2 X 10/100MB Ethernet 1 X USB type A	1 X USB 2.0   1 X USB 3.0 2 X 10/100MB Ethernet Port	2 X USB 2.0   1 X USB 3.0 1 X RS-422/485, 2 X RS-485 2 X 10/100MB Ethernet Port	
<b>Processor</b>	1GHz   single core	1GHz   single core	1.46GHz   single core	<b>CI-DEG-5010</b>	<b>CI-DEG-5020</b>



				1.75GHz   dual core	1.75GHz   dual core
<b>Memory</b>	512MB   800MHz	1GB SDRAM	2GB   1066MHz	4GB   1333MHz	8GB   1333MHz
<b>Storage</b>	4GB	4GB	32GB	64GB	128GB
<b>Power</b>	24V AC/DC <i>Screw terminal</i>	24V AC/DC <i>Screw terminal</i>	9-32VDC or PoE (Power over Ethernet) <i>Screw terminal</i>	24V AC/DC <i>Screw terminal</i>	
<b>Dimensions</b>	114.3mm(W) X 108mm(H) X 57.2mm(D)	171.1mm(W) X 110mm(H) X 61mm(D)	125mm(W) X 125mm(H) X 51mm(D)	229mm(W) X 216mm(H) X 64mm(D)	
<b>Weight</b>	0.4kg	0.6kg	1kg	3.2kg	
<b>Video</b>			1 X DisplayPort 1.1	1 X HDMI	
<b>Wireless Communication</b>		802.11a/b/g/n	802.11b/g/n/ Bluetooth Low Energy 4.0 Wi-Fi Hot Spot Available 3G Mobile Broadband (sim not included)	802.11n Wi-Fi Hot Spot Available (5020 model only)	
<b>Niagara Licencing</b>	<b>CI-534-05100</b> 5 device/100 points  <b>CI-534-05250</b> 5 device/250 points  <b>CI-534-10</b> 10 device/500 points  <b>CI-534-25</b> 25 device/1250 points  <b>CI-534-100</b> 100 device/5000 points	<b>CI-J-8005</b> 5 device/250 points  <b>CI-J-8010</b> 10 device/500 points  <b>CI-J-8025</b> 25 device/1250 points  <b>CI-J-8100</b> 100 device/5000 points  <b>CI-J-8200</b> 200 device/10000 points	<b>CI-DEG-3311</b> 1 Niagara connection, 25 device/1250 point  <b>CI-DEG-3312</b> 3 Niagara connection, 50 device/2500 point  <i>Additional Niagara connection &amp; points can be added ad-hoc</i>  <i>Also available as hardware only – without Niagara or licences</i>	<b>CI-DEG-5011</b> 3 Niagara connection, 50 device/2500 point  <b>CI-DEG-5021</b> 10 Niagara connection, 100 device/5000 point  <b>CI-DEG-5022</b> 100 Niagara connection  <i>Additional Niagara connection &amp; points can be added ad-hoc</i>  <i>Also available as hardware only – without Niagara or licences</i>	

	<p><i>Additional Niagara connection &amp; points can be added ad-hoc</i></p>	<p><b>CI-JCX-8005</b> 250 points</p> <p><b>CI-JEC-834</b> CI-JCX8005 with add on 34 point IO module</p> <p><i>Additional Niagara connection &amp; points can be added ad-hoc</i></p>		
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