



## DisplayPac-N2800-IP65-XT

IP65 front with Extended Temperature Operation ATOM D2800 Solution

The DisplayPac-D2800-IP65-X series of Panel PCs provide a robust solution for your worst environments. The platform offers flat panels ranging from 10" to 19" and include an IP65 panel mount plate to protect the system from water spray. Additionally, the -20° to 60° C (-4° to 140° F) operational temperature specification means that the display will continue to operate reliably when most industrial computers can't.

### Display Specifications

#### Display

- 10.4" 800x600
- 12.1" 800x600
- 15" 1024x768
- 17" 1280x1024
- 19" 1280x1024

#### Colors

- 10.4" 16.2M
- 12.1" 16.2M
- 15" 16.2M
- 17" 16.7M
- 19" 16.7M

#### Brightness

- 10.4" 400 nit
- 12.1" 500 nit
- 15" 400 nit
- 17" 350 nit
- 19" 350 nit

#### Contrast Ratio

- 10.4" 700:1
- 12.1" 700:1
- 15" 700:1
- 17" 1000:1
- 19" 1000:1

#### Viewing Angle

- 10.4" -80° to +80° (H); -60° to +80° (V)
- 12.1" -80° to +80° (H); -70° to +70° (V)
- 15" -80° to +80° (H); -60° to +80° (V)
- 17" -85° to +85° (H); -80° to +80° (V)
- 19" -85° to +85° (H); -80° to +80° (V)

### Optional Touchscreen

#### Touchscreen

- 5-wire Resistive

# Computer DYNAMICS

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### System Specifications

<b>CPU</b> <ul style="list-style-type: none"><li>• Intel® ATOM Dual Core N2800 1.86 GHz</li></ul>	<b>USB</b> <ul style="list-style-type: none"><li>• 4x USB 2.0</li></ul>	<b>Environmental</b> <ul style="list-style-type: none"><li>• -20° to 60°C operating temperature</li><li>• 10% to 95%, operating humidity non-condensing</li><li>• 15G, 11ms shock rating</li><li>• 5~500Hz 1 Grms, 3 Axis vibration</li></ul>
<b>BIOS</b> <ul style="list-style-type: none"><li>• AMI 16M bit</li></ul>	<b>Serial</b> <ul style="list-style-type: none"><li>• 2x RS-232</li><li>• 1x RS-232/422/485</li></ul>	<b>Operating System</b> <ul style="list-style-type: none"><li>• Windows® XP Pro for Embedded Systems</li><li>• Windows® 7 for Embedded Systems</li></ul>
<b>Chipset</b> <ul style="list-style-type: none"><li>• Intel® NM10</li></ul>	<b>Power Consumption (@ 12V)</b> maximum brightness and 100% CPU load <ul style="list-style-type: none"><li>• 32W max, 15W typical</li></ul>	
<b>Memory Slot</b> <ul style="list-style-type: none"><li>• 2 GB DDR3 (Max 4GB)</li></ul>	<b>Power Input</b> <ul style="list-style-type: none"><li>• DC in (12V)</li></ul>	
<b>Hard Drive</b> <ul style="list-style-type: none"><li>• mSATA 32G SSD</li></ul>	<b>Power Supply</b> <ul style="list-style-type: none"><li>• 100 to 240V AC In</li></ul>	
<b>Keyboard/Mouse</b> <ul style="list-style-type: none"><li>• 2x PS/2</li></ul>	<b>Construction</b> <ul style="list-style-type: none"><li>• Panel Mount, IP65 front</li></ul>	
<b>Ethernet</b> <ul style="list-style-type: none"><li>• 2x Gigabit Ethernet</li></ul>	<b>Certifications</b> <ul style="list-style-type: none"><li>• CE, FCC, RoHS</li></ul>	
<b>VGA</b> <ul style="list-style-type: none"><li>• 1x VGA Connector</li></ul>		
<b>Audio</b> <ul style="list-style-type: none"><li>• Realtek ALC886 HD Audio Codec</li></ul>		

### About Computer Dynamics

Computer Dynamics (A CIMTEC Automation Company) is a leading global provider of flat panel display solutions for a wide range of industries and applications. Our comprehensive product offering includes open-frame, enclosed, and environmentally sealed flat panel display systems in both computer and monitor configurations. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and support to deliver what you need. For more than 25 years, CIMTEC Automation has been providing automation solutions throughout the world that deliver value, performance, and innovation.

### Computer Dynamics Contact Information

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Additional contact information available on our web site at [www.codynamics.com/contact.asp](http://www.codynamics.com/contact.asp)

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