

# OPC-5XX7 Series

Open frame HMI/Intel Atom N270



# OPC-5XX7 Series

OPC-5087/OPC-5127/OPC-5157/OPC-5197

External I/O Port



OPC-5087



OPC-5127



OPC-5157



OPC-5197

## Features



Open Frame, Fanless Design



All Solid Capacitor Motherboard



Cost Effective



Wide Range DC 11~32V Power Input for Option



Touch Screen for Option

### OPC-5087/OPC-5127/OPC-5157/OPC-5197

- 4 x USB 2.0
- 2 x GbE RJ-45 LAN port
- 1 x DB-15 VGA
- 1 x DB-9 RS-232
- 2 x DB-9 for RS-232 or RS-422/485 option
- 1 x 3 Pin terminal block DC power input
- Optional CF slot
- Additional terminal block connector

# OPC-5XX7 Series

Open frame HMI/Intel Atom N270

## Specifications

Model No.	OPC-5087	OPC-5127	OPC-5157	OPC-5197
<b>System</b>				
<b>Processor</b>	Intel Atom N270 processor			
<b>System Memory</b>	1GB DDR2 SODIMM 533 MHz ,up to 2GB, default 1GB			
<b>System Chipset</b>	Intel 945GSE + Intel ICH7M			
<b>External I/O Port</b>	<ul style="list-style-type: none"> <li>• 4 x USB 2.0</li> <li>• 2 x GbE RJ-45 LAN port</li> <li>• 1 x DB-15 VGA</li> <li>• 1 x DB-9 RS-232</li> <li>• 2 x DB-9 for RS-232 or optional RS-422/485</li> <li>• 1 x 3 Pin terminal block DC power input</li> <li>• 1 x 4 Pin terminal block, 2 Pin for power on/off connector, 1 Pin for ground, 1 Pin as VCC</li> </ul>	<ul style="list-style-type: none"> <li>• 4 x USB 2.0</li> <li>• 2 x GbE RJ-45 LAN port</li> <li>• 1 x DB-15 VGA</li> <li>• 1 x DB-9 RS-232</li> <li>• 2 x DB-9 for RS-232 or optional RS-422/485</li> <li>• 1 x 3 Pin terminal block DC power input</li> <li>• 1 x 8 Pin terminal block, 2 Pin for power on/off connector, 1 Pin for ground, 1 Pin as VCC, and 2 in/out DIO</li> <li>• 1 x CF slot (external) for option</li> </ul>		
<b>Solid Storage Disk</b>	<ul style="list-style-type: none"> <li>• 1 x 2.5" SATA HDD</li> <li>• 1 x CF Slot (Internal)</li> </ul>	<ul style="list-style-type: none"> <li>• 1 x 2.5" SATA HDD</li> <li>• 1 x CF Slot (Internal), external slot for option</li> </ul>		
<b>Expansion Slots</b>	None			
<b>OS Support</b>	Windows XP Professional, XP Embedded			
<b>LCD</b>				
<b>Display Type</b>	8" TFT-LCD	12" TFT-LCD	15" TFT-LCD	19" TFT-LCD
<b>Max. Resolution</b>	800x600	800x600	1024 x 768	1280x1024
<b>Max. Color</b>	262K	262K	16.7M	16.7M
<b>Luminance (cd/m<sup>2</sup>)</b>	350			
<b>View Angle</b>	H:130° / V:110°	H:140° / V:110°	H:125° / V:140°	H:125° / V:140°
<b>Backlight Lifetime</b>	50,000 hrs			
<b>Touch Screen</b>				
<b>Type</b>	Resistive Touch (Option)			
<b>Light Transmission</b>	80%			
<b>Power Supply</b>				
<b>Power Input</b>	DC 12V, DC 11~32V for option			
<b>Mechanical</b>				
<b>Construction</b>	Steel molding housing			
<b>IP Rating</b>	None			
<b>Mounting</b>	Panel mount			
<b>Dimension</b>	222(W)x176(H)x64.6(D) mm	300(W)x230(H)x68.5(D)mm	362(W)x266(H)x68.5(D)mm	362(W)x266(H)x68.5(D)mm
<b>Net Weight</b>	TBD			
<b>Environmental</b>				
<b>Operating Temperature</b>	0~40 °C without fan / 0~60 °C with fan			
<b>Storage Temperature</b>	-20~70 °C			
<b>Storage Humidity</b>	10~90% @40 °C non-condensing			
<b>Certificate</b>	CE/FCC Class A			

### Ordering Information

Model	Description
OPC-5087	8" SVGA 800 x 600 fanless open frame PC with Atom N270 1.6G CPU , 1GB DDR2 533MHZ Memory, 12V DC input with adaptor, steel enclosure
OPC-5127	12" SVGA 800 x 600 fanless open frame PC with Atom N270 1.6G CPU, 1GB DDR2 533MHZ Memory, 12V DC input with adaptor, steel enclosure
OPC-5157	15" XGA 1024 x768 fanless open frame PC with Atom N270 1.6G CPU, 1GB DDR2 533MHZ Memory, 12V DC input with adaptor, steel enclosure
OPC-5197	19" SVGA 1280 x1024 fanless open frame PC with Atom N270 1.6G CPU, 1GB DDR2 533MHZ Memory, 12V DC input with adaptor, steel enclosure

# OPC-5XX7 Series

OPC-5087/OPC-5127/OPC-5157/OPC-5197

## Dimensions

unit:mm

