

# NP-3xxA

## 6", 7", 8", 10.1" & 12.0"

### Windows Compact 7



#### INTRODUCTION

The NP-3xxA features a fan less design with TI ARM Cortex A9 1 GHz processor. The NP-3xxA is designed to provide a cost-effective and versatile solution for a wide variety of industrial and commercial applications. Meet the requirements of your application with Windows Compact 7 Operating Systems.

	NP-306A	NP-307A	NP-308A	NP-310A	NP-312A
<b>Display</b>					
<b>Display Type</b>	5.6" TFT/LCD	7" TFT / LCD	8" TFT / LDC	10" TFT / LCD	12.1" TFT / CD
<b>Resolution</b>	640 x 480	800 x 480	1024 x 600	1280 x 800	800 x 600
<b>Max. Color</b>	262K	262K	262K	16.2M	16.2M
<b>Luminance (cd/m<sup>2</sup>)</b>	350	350	250	800	450
<b>Viewing Angle (Degree)</b>	140/120	140/110	140/120	170/170	160/140
<b>System</b>					
<b>CPU</b>	Freescale I.MX6 DualLite/Quad (Option) ARM Cortex A9 processor 1.0GHz				
<b>System Memory</b>	4GB eMMC NAND Flash				
<b>External I/O Port</b>	2 x USB 2.0 type A, 1 x USB 2.0 OTG, Micro B Type				
	1 x RS-232/422/485 DB-9, COM1				
	1 x Line out phone jack				
	1 x 10/100 RJ-45, 3 Pins Terminal Block Connector DC Power Input, 1 x 2-Pin DC Power Switch Connector				
<b>Storage</b>	1 x SATA MO-297 SSD bay (Easy Accessible)				
	1 x Internal Micro SD slot (Up to 32 GB)				
	1 x Mini PCIe slot full size, 1 x SIM card slot				
<b>Expansion Slots</b>	Windows Embedded Compact 7, Android 4.2.2				
<b>OS Support</b>	<b>NP-306</b>	<b>NP-307</b>	<b>NP-308</b>	<b>NP-310</b>	<b>NP-312</b>
<b>Touch screen</b>	Resistive or Projected Capacitive Touch Screen Options				
<b>Type</b>	80% (for Resistive model) / 90% (for Projected Capacitive model)				

<b>Light Transmission</b>	20,000	40,000	40,000	15,000	50,000
<b>Backlight Lifetime</b>	Included				
<b>Power Supply</b>	9~36V DC				
<b>Mechanical</b>					
<b>Construction</b>	Plastic				
<b>IP Rating</b>	IP65 Front Panel				
<b>Mounting</b>	Panel mounting, VESA 75 x 75			Panel mounting, VESA 100 x 100	
<b>Dimensions (WxHxD)(mm)</b>	204 x 150 x 42.5	204 x 150 x 42.5	231.1 x 176.1 x 45	285 x 189 x 49.6	319 x 245 x 51.7
<b>Environmental</b>					
<b>Operating Temperature</b>	0~50C				
<b>Storage Temperature</b>	-20~60C				
<b>Relative Humidity</b>	10 to 90% @ 40°C, non- condensing				
<b>Certificate</b>	CE / FCC Class A				