



OMI Operations Manual

OMI6700 Light Industrial Panel PC Series

Your Industrial Control Solutions Source

www.maplesystems.com



For use with the following:

- OMI6707A
- OMI6710A
- OMI6712A
- OMI6715A

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COPYRIGHT NOTICE

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WARRANTY

Warranty Statements are included with each unit at the time of purchase and are available at www.maplesystems.com.

TECHNICAL SUPPORT

This manual is designed to provide the necessary information for trouble-free installation and operation of your new OMI. However, if you need assistance, please contact Maple Systems:

- Phone: 425-745-3229
- Email: support@maplesystems.com
- Web: <http://www.maplesystems.com>

UNPACKING THE UNIT

Carefully unpack the OMI6700. Check all material in the container against the packing list. Maple Systems will not accept responsibility for shortages against the packing list unless notified within 30 days. The equipment and accessories were inspected and tested by Maple Systems before shipment.










Examine the equipment carefully; if any shipping damage is evident, notify the carrier immediately. Maple Systems is not responsible for claim negotiations with the carrier.

Save the shipping container and packing material in case the equipment needs to be stored, returned to Maple Systems, or transported for any reason.

Packing List
OMI6700 Series Light Industrial Panel PC
DC Power Connector (3 pin terminal block)
DC Power adapter with cord
Mounting Clamp Kit
OMI6000 Support DVD
Windows Recovery DVD (for Windows Pro OS only)

SAFETY PRECAUTIONS

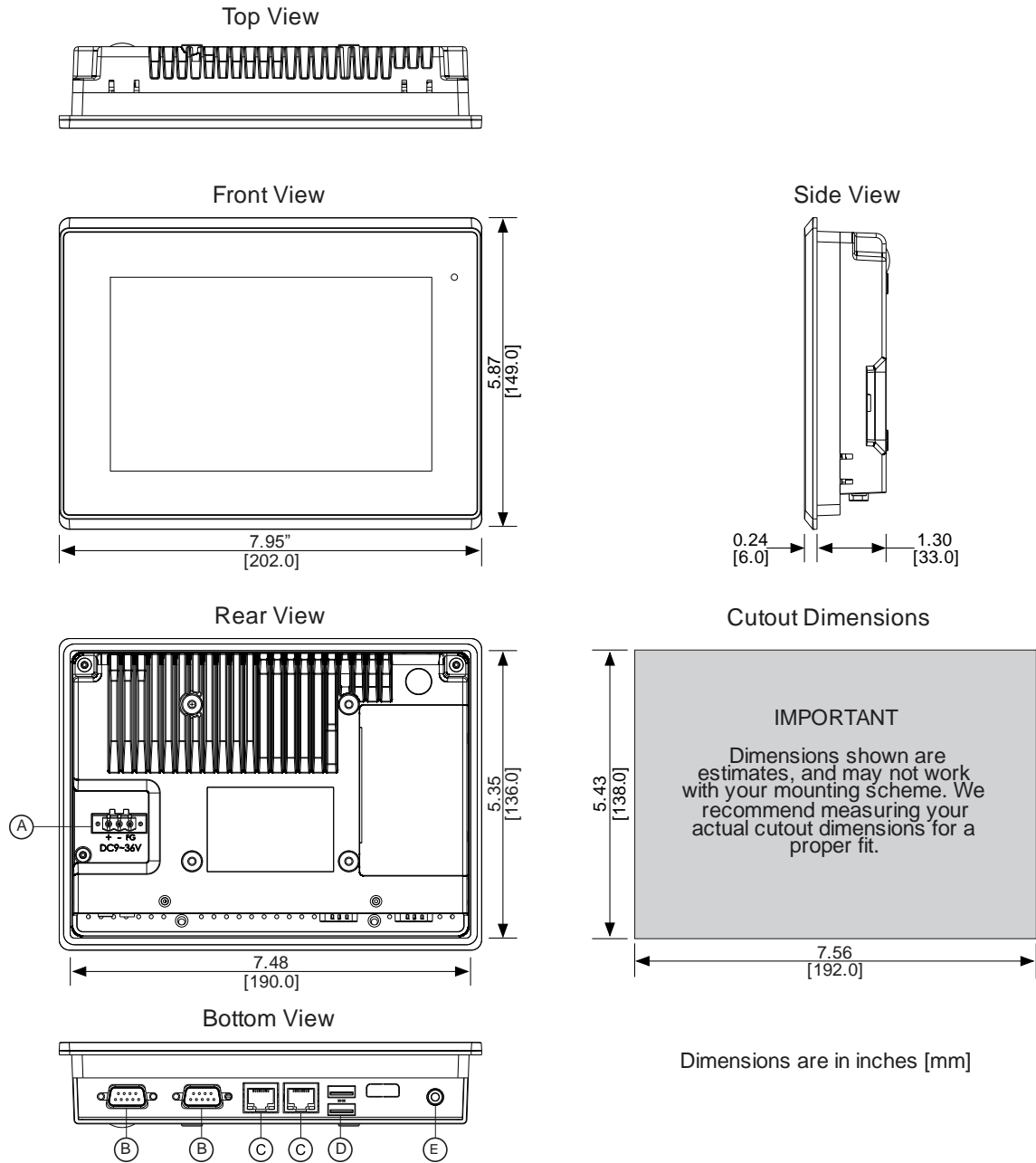
Please observe the following precautions when installing the OMI6700 Series Open HMIs. Failure to comply with these restrictions could result in loss of life, serious personal injury, or equipment damage.

	Warning: Disconnect this equipment from any power before cleaning. Do not use liquid or spray detergents for cleaning. Use a damp cloth.
	Warning: Keep this equipment away from humidity.
	Warning: Before applying power the unit make sure the voltage of the power source is within the input voltage rating of the unit.
	Warning: Position the power cord so that people cannot step on it. Do not place anything over the power cord.
	Warning: Never open the equipment and do not operate equipment with its back cover removed- there are dangerous high voltages present inside. For safety reasons, the equipment should be opened only by a qualified service technician.
	Warning: This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, it may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.
	Warning: If any of the following situations arise, get the equipment checked by qualified service personnel.
	<ul style="list-style-type: none"> • The power cord or plug is damaged. • Liquid has penetrated into the equipment. • The equipment has been exposed to moisture. • The equipment does not work well, or you cannot get it to work according to this operations manual. • The equipment has been dropped and damaged. • The equipment has obvious signs of breakage.
	Warning: Do not leave this equipment in an uncontrolled environment where the storage temperature is below -20°C (-4°F) or above 60°C (140°F). It may damage the equipment.

DIMENSIONS AND SPECIFICATIONS

The following section contains the Dimensions and Specifications for the OMI6700 series Light Industrial Panel PCs.

OMI6707A Dimensions



Dimensions are in inches [mm]

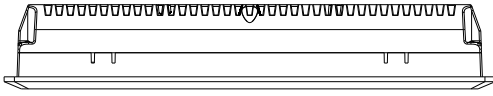
- (A) Power Connector (C) Ethernet Port (D) USB 2.0 Ports (E) Line out
- (B) Com Port DE9P

OMI6707A Specifications

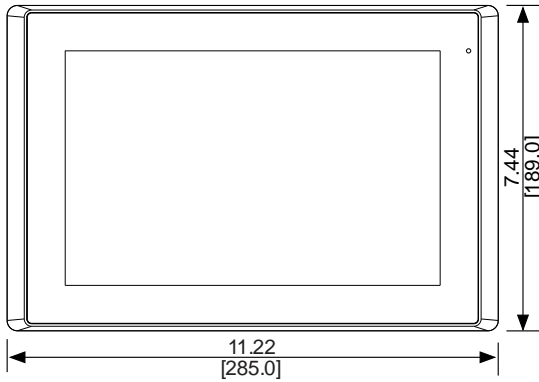
System	CPU	Intel Atom Cedar View N2600 1.6 GHz Dual Core processor
	System Chipset	Intel NM10
	System Memory	Onboard DDR3 2 GB 800 MHz
I/O Ports	USB	USB 2.0 type A x 2
	Serial	COM1: RS-232/422/485 DE-9P (default RS-232)
		COM2: RS-232 DE-9P
	Audio	1 x 3.5 mm line out
	LAN	GbE RJ-45 x 2
	Power	3 pins terminal block connector, DC power input
Storage	Solid State Drive	Base Model: 32 GB SSD, 1 x 1.8" SATA 2, MLC Upgrade Option: 64 GB SSD, 1 x 1.8" SATA 2, MLC
	SD Card Slot	1 x internal secure digital memory card socket, up to 32 GB
Expansion	Expansion Slot	N/A
Display	Display Type	7" TFT-LCD
	Max. Resolution	800 x 480
	Max. Color	262K
	Luminance (cd/m ²)	350
	View Angle (H°/V°)	140/110
	Contrast Ratio	400:1
	Backlight Lifetime (hours)	40,000+
Touch Screen	Type	Resistive touch
	Interface	RS-232
	Light Transmission	80%
Electrical	Input Voltage	9~36 VDC
	Input Current	0.4 ~ 1.5 A
	Input Power	12.8 W
Mechanical	Construction	Silver aluminum front bezel and chassis
	Rating	IP65 front panel / NEMA4X
	Mounting	Panel mounting, VESA 75 x 75
	Dimension (W x H x D)	7.95 x 5.87 x 1.54 inches [202 x 149 x 39 mm]
	Net Weight	2.52 lbs [1.14 kg]
Environmental	Operating Temperature	32~122°F [0~50°C]
	Storage Temperature	-4~140°F [-20~60°C]
	Storage Humidity	10 to 90% @ 40°C, non-condensing
	Certification	CE / FCC Class A / cULus / RoHS
Operating System	Type	Base Model: Microsoft Windows® Embedded Standard 7 32-bit (WS7P) Upgrade Option: Microsoft Windows® 7 Pro for Embedded 32-bit (FES 7 Pro)
Notes	Specifications subject to change without notice.	

OMI6710A Dimensions

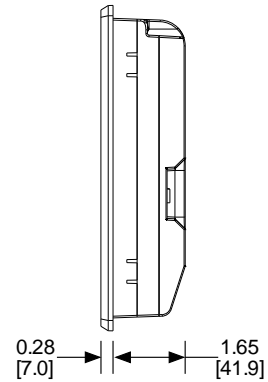
Top View



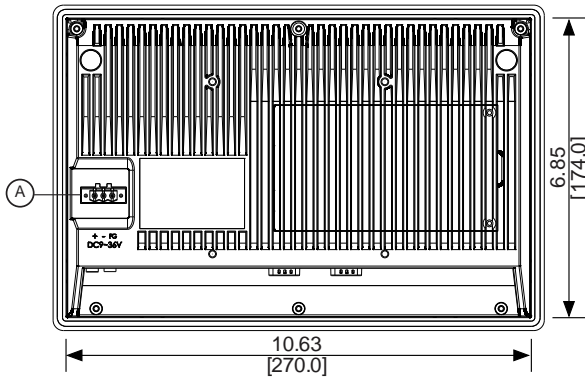
Front View



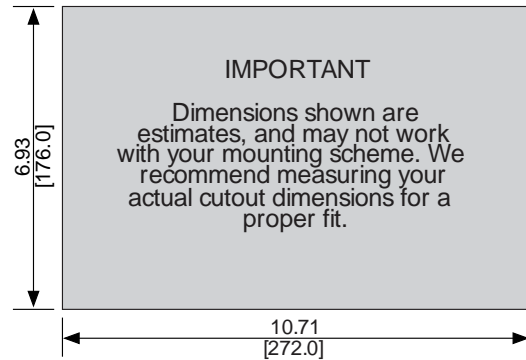
Side View



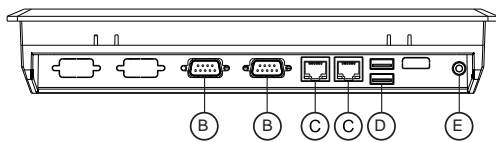
Rear View



Cutout Dimensions



Bottom View



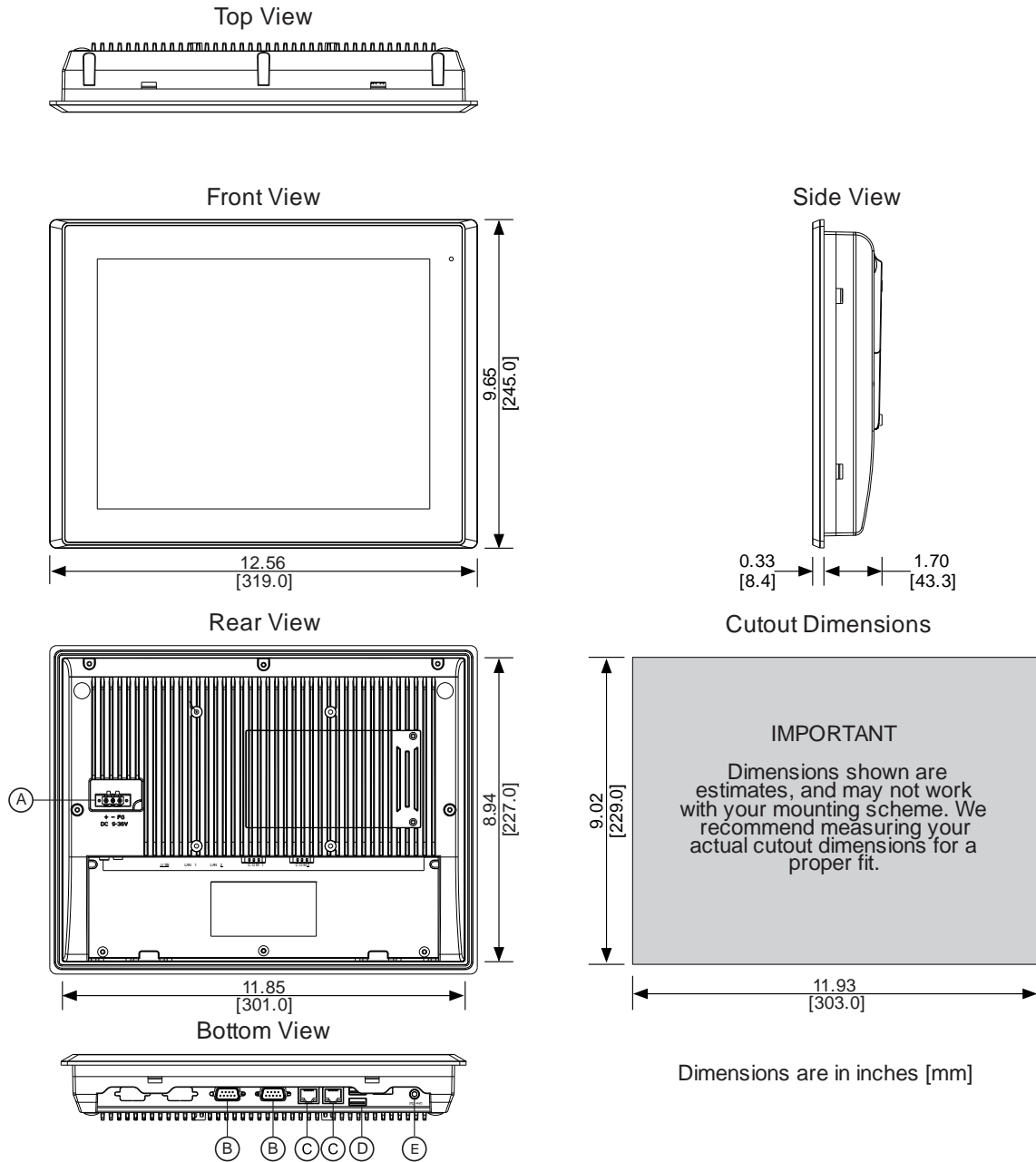
Dimensions are in inches [mm]

- Ⓐ Power Connector Ⓒ Ethernet Port Ⓓ USB 2.0 Ports Ⓔ Line out
- Ⓑ Com Port DE9P

OMI6710A Specifications

System	CPU	Intel Atom Cedar View N2600 1.6 GHz Dual Core processor
	System Chipset	Intel NM10
	System Memory	Onboard DDR3 2 GB 800 MHz
I/O Ports	USB	USB 2.0 type A x 2
	Serial	COM1: RS-232/422/485 DE-9P (default RS-232)
		COM2: RS-232 DE-9P
	Audio	1 x 3.5mm line out
	LAN	GbE RJ-45 x 2
	Power	3 pins terminal block connector, DC power input
Storage	Solid State Drive	Base Model: 32 GB SSD, 1 x 2.5" SATA 2, MLC Upgrade Option: 64 GB SSD, 1 x 2.5" SATA 2, MLC
	SD Card Slot	1 x internal secure digital memory card socket, up to 32 GB
Expansion	Expansion Slot	N/A
Display	Display Type	10.1" TFT-LCD
	Max. Resolution	1280 x 800
	Max. Color	16.7M
	Luminance (cd/m²)	350
	View Angle (H°/V°)	160/160
	Contrast Ratio	800:1
	Backlight Lifetime (hours)	50,000+
Touch Screen	Type	Resistive touch
	Interface	RS-232
	Light Transmission	80%
Electrical	Input Voltage	9~36 VDC
	Input Current	0.6 ~ 2.1 A
	Input Power	21.8 W
Mechanical	Construction	Silver aluminum front bezel and chassis
	Rating	IP65 front panel / NEMA4x
	Mounting	Panel mounting, VESA 100 x 100
	Dimension (W x H x D)	11.22 x 7.44 x 1.93 inches [285 x 189 x 48.9 mm]
	Net Weight	4.1 lbs [1.9 kg]
Environmental	Operating Temperature	32~122°F [0~50°C]
	Storage Temperature	-4~140°F [-20~60°C]
	Storage Humidity	10 to 90% @ 40°C, non-condensing
	Certification	CE / FCC Class A / cULus / RoHS
Operating System	Type	Base Model: Microsoft Windows® Embedded Standard 7 32-bit (WS7P) Upgrade Option: Microsoft Windows® 7 Pro for Embedded 32-bit (FES 7 Pro)
Notes	Specifications subject to change without notice.	

OMI6712A Dimensions



Dimensions are in inches [mm]

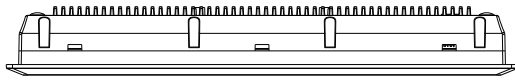
- Ⓐ Power Connector Ⓒ Ethernet Port Ⓓ USB 2.0 Ports Ⓔ Line out
- Ⓑ Com Port DE9P

OMI6712A Specifications

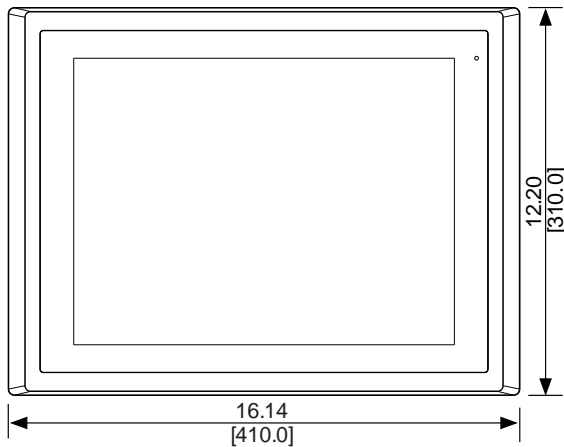
System	CPU	Intel Atom Cedar View N2600 1.6 GHz Dual Core processor
	System Chipset	Intel NM10
	System Memory	Onboard DDR3 2 GB 800 MHz
I/O Ports	USB	USB 2.0 type A x 2
	Serial	COM1: RS-232/422/485 DE-9P (default RS-232) COM2: RS-232 DE-9P
	Audio	1 x 3.5 mm line out
	LAN	GbE RJ-45 x 2
	Power	3 pins terminal block connector, DC power input
	Storage Space	Solid State Drive
SD Card Slot		1 x internal secure digital memory card socket, up to 32 GB
Expansion	Expansion Slot	N/A
Display	Display Type	12.1" TFT-LCD
	Max. Resolution	800 x 600
	Max. Color	16.2M
	Luminance (cd/m ²)	330
	View Angle (H°/V°)	160/140
	Contrast Ratio	800:1
	Backlight Lifetime (hours)	50,000+
Touch Screen	Type	Resistive touch
	Interface	RS-232
	Light Transmission	80%
Electrical	Input Voltage	9~36 VDC
	Input Current	0.5 ~ 2 A
	Input Power	19.2 W
Mechanical	Construction	Silver aluminum front bezel and chassis
	Rating	IP65 front panel / NEMA4X
	Mounting	Panel mounting, VESA 100 x 100
	Dimension	12.56 x 9.65 x 2.03 inches [319 x 245 x 51.7 mm]
	Net Weight	5.7 lbs [2.6 kg]
Environmental	Operating Temperature	32~122°F [0~50°C]
	Storage Temperature	-4~140°F [-20~60°C]
	Storage Humidity	10 to 90% @ 40°C, non-condensing
	Certification	CE / FCC Class A / cULus / RoHS
Operating System	Type	Base Model: Microsoft Windows® Embedded Standard 7 32-bit (WS7P) Upgrade Option: Microsoft Windows® 7 Pro for Embedded 32-bit (FES 7 Pro)
Notes	Specifications subject to change without notice.	

OMI6715A Dimensions

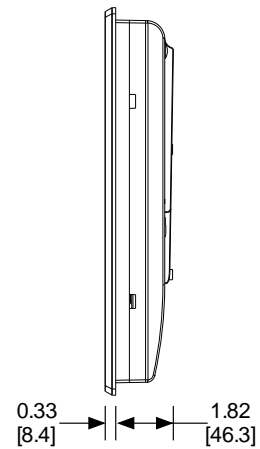
Top View



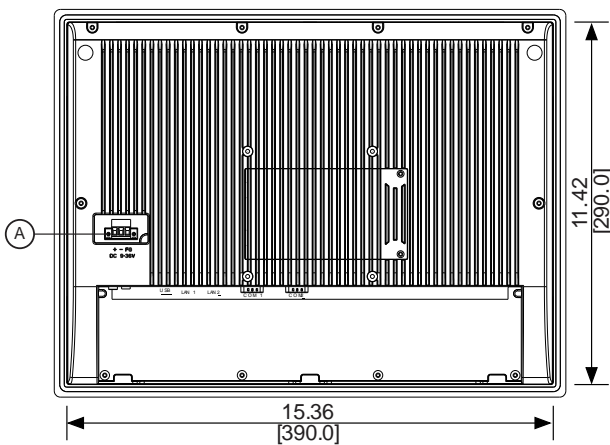
Front View



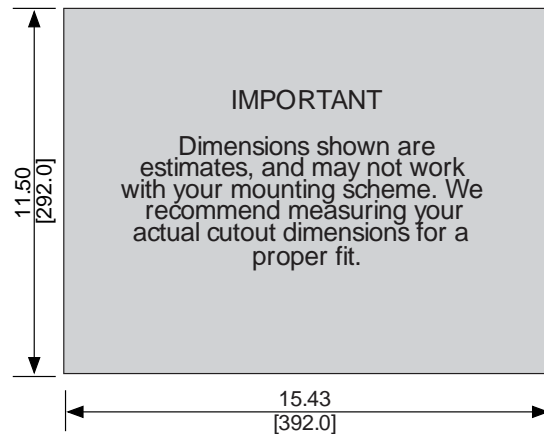
Side View



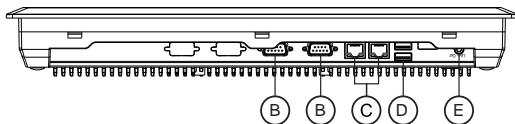
Rear View



Cutout Dimensions



Bottom View



Dimensions are in inches [mm]

- (A) Power Connector
- (B) Com Port DE9P
- (C) Ethernet Ports
- (D) USB 2.0 Ports
- (E) Line out

OMI6715A Specifications

System	CPU	Intel Atom Cedar View N2600 1.6 GHz Dual Core processor
	System Chipset	Intel NM10
	System Memory	Onboard DDR3 2 GB 800 MHz
I/O Ports	USB	USB 2.0 type A x 2
	Serial	COM1: RS-232/422/485 DE-9P (default RS-232) COM2: RS-232 DE-9P
	Audio	1 x 3.5mm line out
	LAN	GbE RJ-45 x 2
	Power	3 pins terminal block connector, DC power input
Storage	Solid State Drive	Base Model: 32 GB SSD, 1 x 2.5" SATA 2, MLC Upgrade Option: 64 GB SSD, 1 x 2.5" SATA 2, MLC
	SD Card Slot	1 x internal secure digital memory card socket, up to 32 GB
Expansion	Expansion Slot	N/A
Display	Display Type	15" TFT-LCD
	Max. Resolution	1024 x 768
	Max. Color	16.2M
	Luminance (cd/m ²)	350
	View Angle (H°/V°)	160/145
	Contrast Ratio	800:1
Touch Screen	Backlight Lifetime (hours)	50,000+
	Type	Resistive touch
	Interface	RS-232
Electrical	Light Transmission	80%
	Input Voltage	9~36 VDC
	Input Current	0.7 ~ 2.6 A
Mechanical	Input Power	25.6 W
	Construction	Silver aluminum front bezel and chassis
	Rating	IP65 front panel / NEMA4X
	Mounting	Panel mounting, VESA 100 x 100
	Dimension (W x H x D)	16.14 x 12.20 x 2.15 inches [410 x 310 x 54.67mm]
Environmental	Net Weight	9.7 lbs [4.4kg]
	Operating Temperature	32~122°F [0~50°C]
	Storage Temperature	-4~140°F [-20~60°C]
	Storage Humidity	10 to 90% @ 40°C, non-condensing
Operating System	Certification	CE / FCC Class A / cULus / RoHS
	Type	Base Model: Microsoft Windows® Embedded Standard 7 32-bit (WS7P) Upgrade Option: Microsoft Windows® 7 Pro for Embedded 32-bit (FES 7 Pro)
Notes	Specifications subject to change without notice.	

OVERVIEW OF OMI6700 SERIES

The OMI6700 Series is available in 7", 10.1", 12.1", and 15" screen sizes. The OMI6700 is fanless and compact with a flat panel touch screen, and is powered by the Intel Atom N2600 1.6 GHz dual-core processor with built-in 2GB DDR3 800MHz.



Front View of OMI6700 SERIES



Rear View of OMI6707



Rear View of OMI6710



Rear View of OMI6712

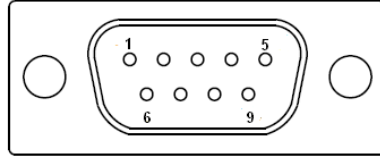


Rear View of OMI6715

I/O PORTS

COM1 and COM2:

Connector Type: DE9P male serial ports.



Pin #	COM1*			COM2
	(RS-232 Default)	(RS422)	(RS485)	(RS232)
1	DCD	422_RX+	NC	DCD
2	RXD	422_RX-	NC	RXD
3	TXD	422_TX-	485-	TXD
4	DTR	422_TX+	485+	DTR
5	GND	GND	GND	GND
6	DSR	NC	NC	DSR
7	RTS	NC	NC	RTS
8	CTS	NC	NC	CTS
9	RI	NC	NC	RI

* Refer to "Setting COM1 Function" to set the communication mode.

Line Out:

Connector Type: 3.5mm audio jack.

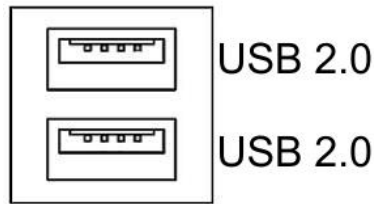
Line out HD Audio port can be connected to a headphone or amplifier.



Line out

USB:

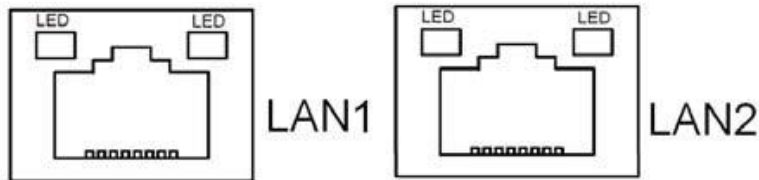
Omi6700 models have 2 ea USB 2.0 type A port.



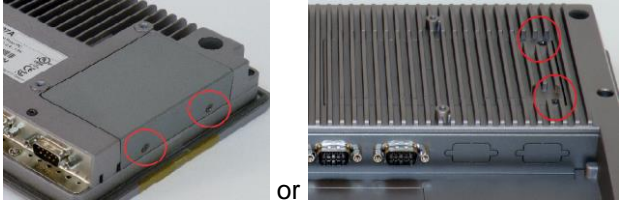
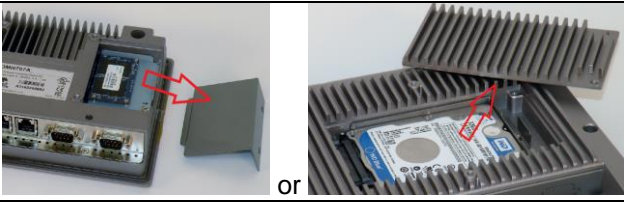
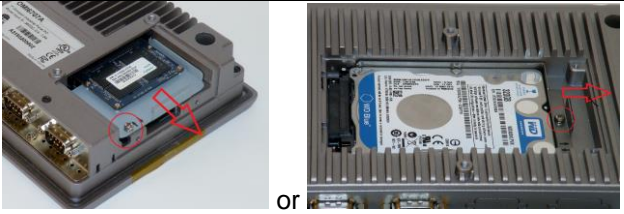
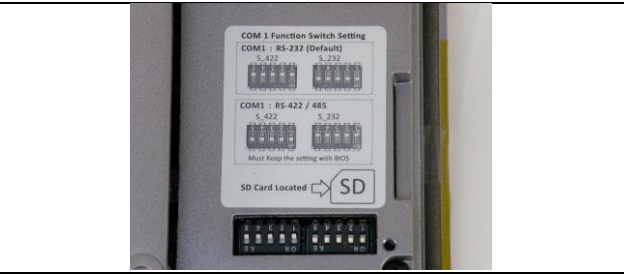
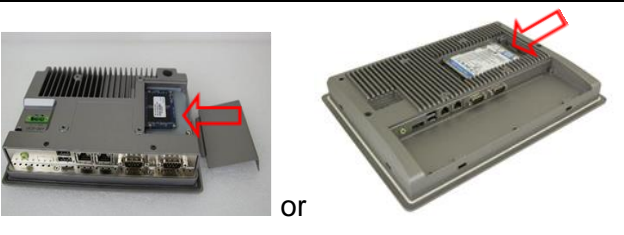
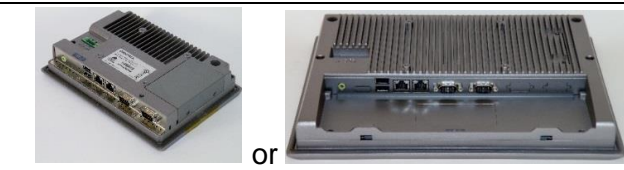
Note: USB 2.0 allows data transfers up to 480 Mb/s, full-speed, and low-speed signaling. The current limit is 1.5A


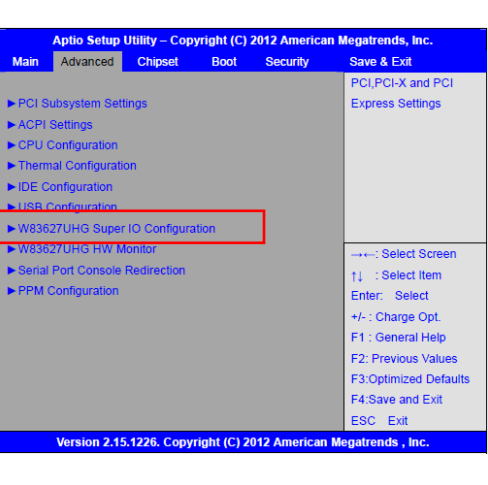
LAN1 and LAN2:

Standard 10/100/1000M RJ-45 Ethernet ports, LINK LED (green) and ACTIVE LED (yellow) respectively located at the left-hand and right-hand side of the Ethernet port indicate the activity and transmission state of the network.

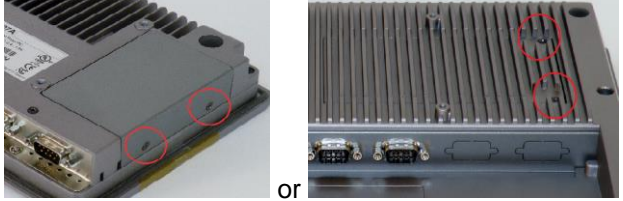
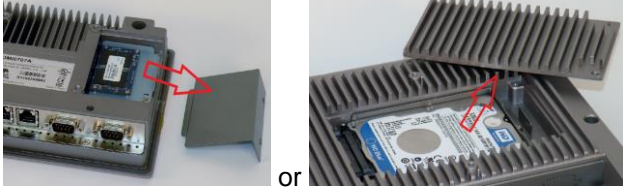

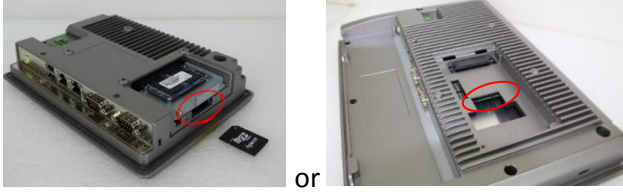




SETTING COM1 FUNCTION

<p>1. Using a #1 Phillips screwdriver, remove the 2 Phillips screws indicated in the figure.</p>													
<p>2. Remove the storage cover by lifting it out of the unit.</p>													
<p>3. Using a #1 Phillips screwdriver, remove the 1 screw retaining the storage bracket. Then carefully slide the bracket out of the unit.</p>													
<p>4. The DIP switches are now visible.</p>													
<p>5. Reference the “COM1 Function Switch Setting” label and/or the following chart to set the DIP switches to the desired RS-232, RS-422, or RS-485 communication mode.</p>	<table border="1"> <thead> <tr> <th>Function</th> <th>S_422 (all switches)</th> <th>S_232 (all switches)</th> </tr> </thead> <tbody> <tr> <td>RS232 (Default)</td> <td>OFF</td> <td>ON</td> </tr> <tr> <td>RS422</td> <td>ON</td> <td>OFF</td> </tr> <tr> <td>RS485</td> <td>ON</td> <td>OFF</td> </tr> </tbody> </table>	Function	S_422 (all switches)	S_232 (all switches)	RS232 (Default)	OFF	ON	RS422	ON	OFF	RS485	ON	OFF
Function	S_422 (all switches)	S_232 (all switches)											
RS232 (Default)	OFF	ON											
RS422	ON	OFF											
RS485	ON	OFF											
<p>6. Slide the bracket and storage device into the OMI, securing it with the screw removed in step 3.</p>													
<p>7. Replace the storage cover and secure it with the screws removed in step 1.</p>													

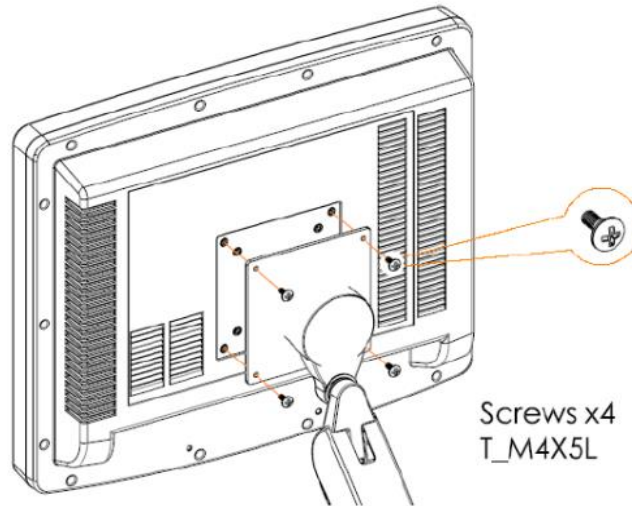
<p>8. Enter the BIOS Setup Utility to select the desired communication mode by pressing [Delete] key during POST. The Main menu containing the system summary information will appear.</p>	 <p>The image shows the American Megatrends BIOS splash screen. It features the company logo at the top, followed by the text: "Version 2.15.1226. Copyright (C) 2012 American Megatrends, Inc. BIOS Date: 03/09/2013 00:24:49 Ver: 7106V007 Press (DEL) or (F2) to enter setup". A small "A3" label is visible in the bottom right corner.</p>
<p>9. Set the “UART Mode Selection” to the desired COM1 communication mode as follows:</p> <ul style="list-style-type: none"> ➤ Advanced <ul style="list-style-type: none"> ➤ W83627UHG Super IO Configuration <ul style="list-style-type: none"> ➤ Serial Port 1 Configuration <ul style="list-style-type: none"> ➤ UART Mode Selection : <ul style="list-style-type: none"> • [RS-232] • [RS-485] • [RS-422] 	 <p>The image shows the Aptio Setup Utility Main menu. The menu items are: PCI Subsystem Settings, ACPI Settings, CPU Configuration, Thermal Configuration, IDE Configuration, USB Configuration, W83627UHG Super IO Configuration (highlighted with a red box), W83627UHG HW Monitor, Serial Port Console Redirection, and PPM Configuration. On the right side, there are navigation instructions: ←→: Select Screen, ↑↓: Select Item, Enter: Select, +/-: Change Opt., F1: General Help, F2: Previous Values, F3: Optimized Defaults, F4: Save and Exit, ESC: Exit. The footer text reads: "Version 2.15.1226. Copyright (C) 2012 American Megatrends, Inc."</p>

SD Card installation

<p>1. Using a #1 Phillips screwdriver, remove the 2 Phillips screws indicated in the figure.</p>	 <p>or</p>
<p>2. Remove the storage cover by lifting it out of the unit.</p>	 <p>or</p>
<p>3. Using a #1 Phillips screwdriver, remove the 1 screw retaining the storage bracket. Then carefully slide the bracket out of the unit.</p>	<div data-bbox="862 785 1073 869" style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>Not applicable for OMI6707</p> </div> 
<p>4. Install the SD card in the SD card slot located under the SSD.</p>	 <p>or</p>
<p>5. Slide the bracket and storage device into the OMI, securing it with the screw removed in step 3.</p>	<div data-bbox="862 1268 1073 1352" style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>Not applicable for OMI6707</p> </div> 
<p>6. Then replace the storage cover and secure it with the screws removed in step 1.</p>	 <p>or</p>

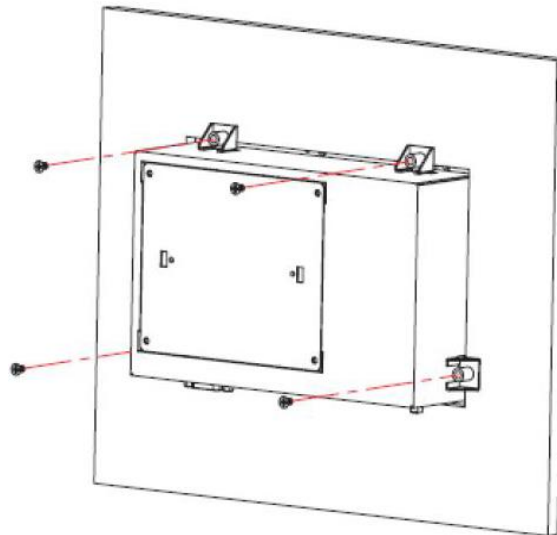
VESA MOUNTING

The OMI6700 series is designed to be VESA mounted. Use the screws included with the VESA mounting hardware to mount the OMI6700 as illustrated in the figure below.



PANEL MOUNTING

The OMI is also designed to be mounted in a panel using the mounting holes located on the sides and top of the unit. Use the included clamps to fasten the OMI6700 to a panel as indicated in the figure below. Tightening the nuts as shown will secure the OMI6700.



OPERATING SYSTEM OPTIONS

The OMI6700 series Panel PCs can be purchased with the following operating systems pre-installed:

- Windows Embedded Standard 7 (WS7P)
- Windows 7 Pro

Windows Embedded Standard 7 is a modified version of Windows 7 designed to have a smaller memory footprint and be less resource intensive than a regular Windows 7 image. It is the standard operating system supplied with the OMI6700 series HMIs. Most applications that are built for Windows 7 Pro will run on Windows Embedded Standard 7.

Windows 7 Pro is the same operating system that would be installed on a typical PC. It provides the most flexibility but will have the largest memory and CPU footprint. Any software that can run on a Windows 7 PC can be loaded onto an OMI6700 running Windows 7 Pro.

WONDERWARE / INDUSOFT WEB STUDIO ON AN OMI6700

All of the OMI6700 series Panel PCs are compatible with Wonderware / Indusoft Web Studio. The choice of operating system will determine the target platform and runtime license required as shown in the chart below:

Operating System	Runtime License*	Target Platform
Windows Embedded Standard 7	EmbeddedView ... for Windows Embedded	Windows
Windows 7 Pro	... for Windows	Windows

* There are multiple options for each operating system indicated by “...” in the chart above. Refer to the Indusoft Web Studio price list for details.

Install Web Studio directly on the Panel PC. The installer can be transferred with a USB flash drive. It is possible to install only the runtime files.

INSTALLATION OF DRIVERS

This section only applies to the OMI6700 models with Windows 7 Pro operating system.

The OMI6700 models ship with the operating system and the following drivers preinstalled:

- Intel chipset driver
- VGA driver
- LAN driver
- Audio driver
- Touch screen driver

Equipment required:

- OMI6000 Support DVD
- USB External DVD drive

Instructions:

- Plug in the USB external DVD drive into one of the USB ports.
- Load the OMI6000 support DVD into the external drive.
- Access the OMI6000 support DVD and open the OMI6700 folder.
- Follow the installation instructions below for each driver that needs to be installed.
- We recommend that you restart your computer after each driver installation.

Note: Some screens pictured below may vary slightly depending on the OMI6700 model.


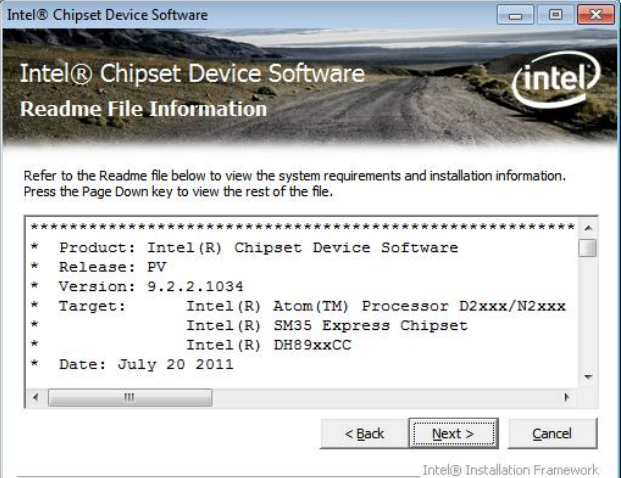

Intel Chipset Driver


1. Open the following file:

Drivers\Chipset\infinst_autol_120105_41111.exe.

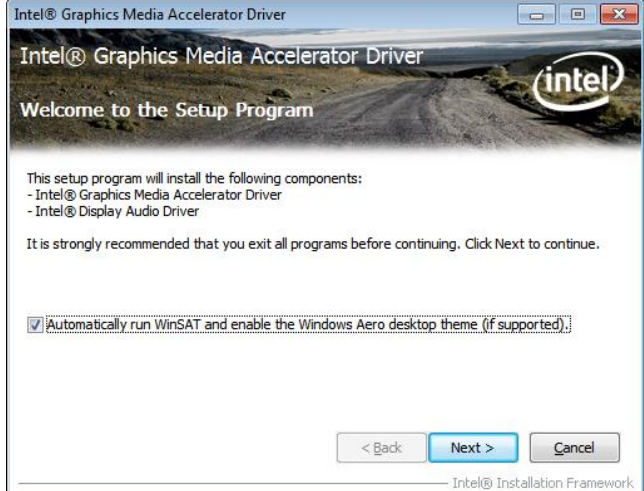
Click "Next".




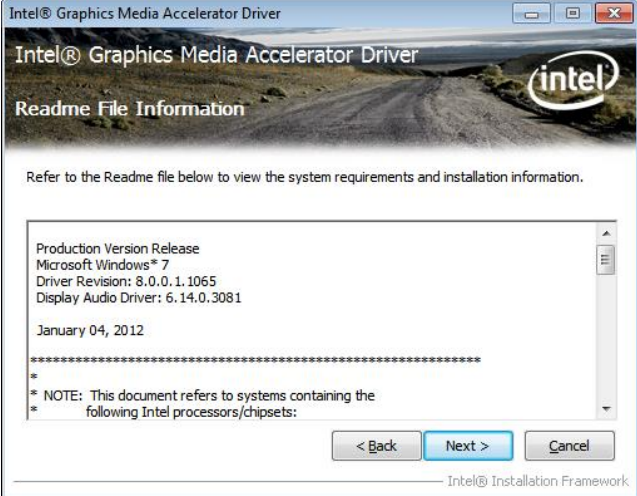
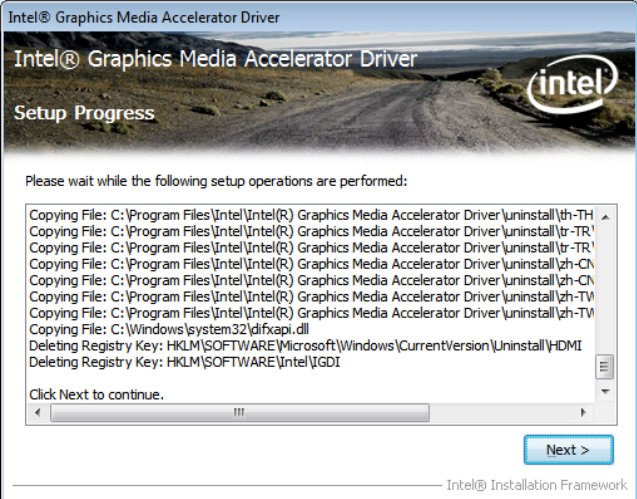
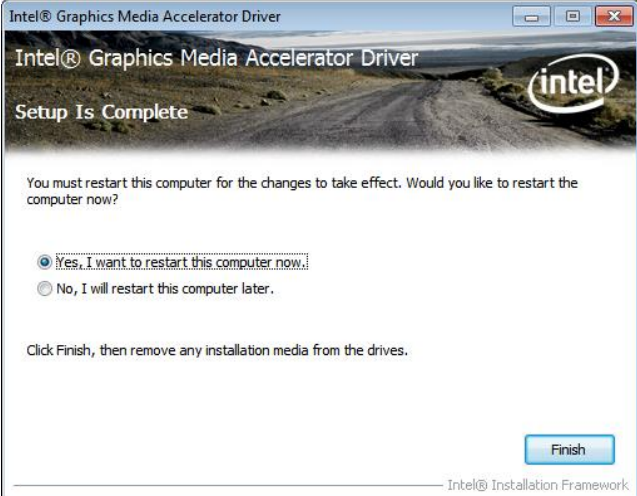
<p>2. Read the license agreement.</p> <p>Click “Yes” to accept all of the terms of the license agreement.</p>	
<p>3. Click “Next” to continue.</p>	
<p>4. Click “Next”.</p>	

<p>5. Select “Yes, I want to restart this computer now.”</p> <p>Click “Finish”.</p>	 <p>The screenshot shows a dialog box titled "Intel® Chipset Device Software" with the subtitle "Setup Is Complete". It contains the text: "You must restart this computer for the changes to take effect. Would you like to restart the computer now?". There are two radio button options: "Yes, I want to restart this computer now." (which is selected) and "No, I will restart this computer later.". Below the options is the instruction: "Click Finish, then remove any installation media from the drives." and a "Finish" button. The footer reads "Intel® Installation Framework".</p>
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VGA Driver

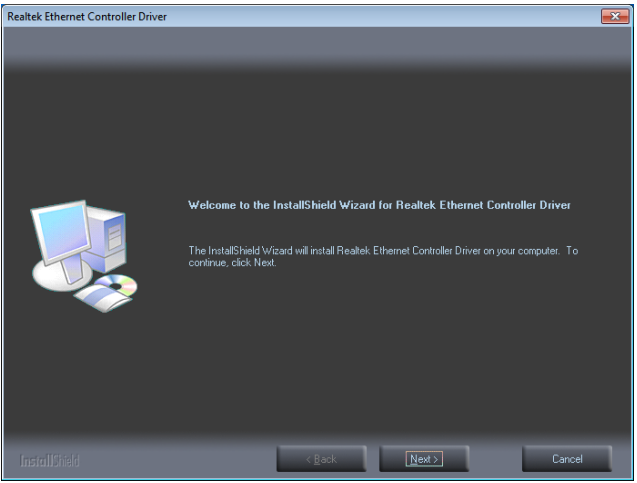
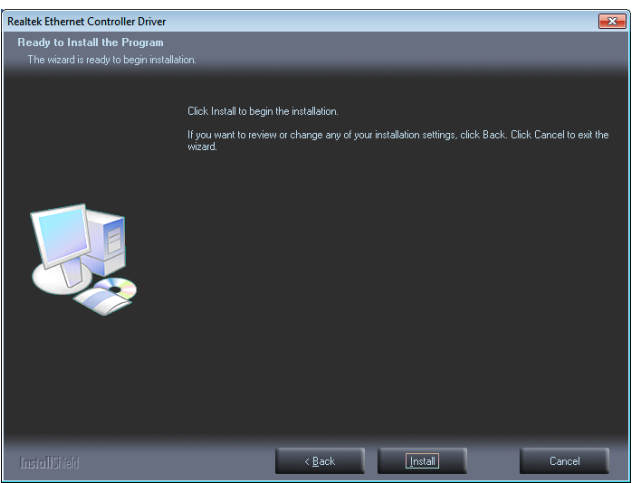
<p>1. Open the following file:</p> <p>Drivers\Graphic\Win7_1089.exe.</p> <p>Click “Next”.</p>	 <p>The screenshot shows a dialog box titled "Intel® Graphics Media Accelerator Driver" with the subtitle "Welcome to the Setup Program". It lists components to be installed: "Intel® Graphics Media Accelerator Driver" and "Intel® Display Audio Driver". It includes the text: "It is strongly recommended that you exit all programs before continuing. Click Next to continue." and a checked checkbox for "Automatically run WinSAT and enable the Windows Aero desktop theme (if supported)". There are "Back", "Next >", and "Cancel" buttons. The footer reads "Intel® Installation Framework".</p>
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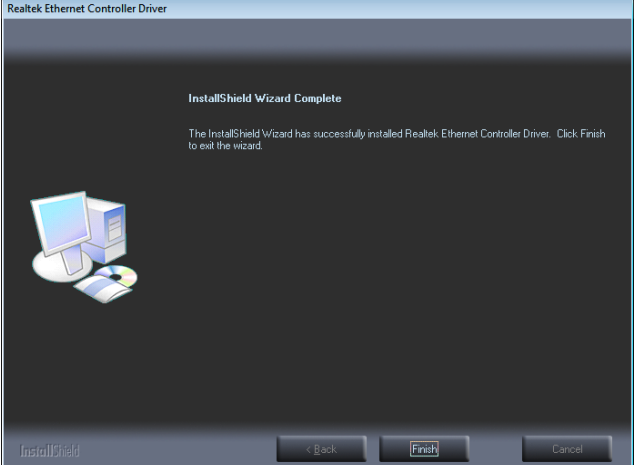
<p>2. Read license agreement and Click “Yes”.</p>	 <p>The screenshot shows a dialog box titled "Intel® Graphics Media Accelerator Driver" with the subtitle "License Agreement". It asks: "You must accept all of the terms of the license agreement in order to continue the setup program. Do you accept the terms?". A scrollable text area contains the license agreement terms, including "INTEL SOFTWARE LICENSE AGREEMENT (OEM / IHV / ISV Distribution & Single User) IMPORTANT - READ BEFORE COPYING, INSTALLING OR USING." and "Do not use or load software from this site or any associated materials (collectively, the 'Software') until you have carefully read the following terms and conditions." There are "Back", "Yes", and "No" buttons. The footer reads "Intel® Installation Framework".</p>
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<p>3. Click "Next".</p>	 <p>The screenshot shows the 'Intel® Graphics Media Accelerator Driver' installation window. The title bar reads 'Intel® Graphics Media Accelerator Driver'. The main heading is 'Intel® Graphics Media Accelerator Driver' with the Intel logo. Below it is 'Readme File Information'. A text block says: 'Refer to the Readme file below to view the system requirements and installation information.' A scrollable text area contains the following information: 'Production Version Release', 'Microsoft Windows® 7', 'Driver Revision: 8.0.0.1.1065', 'Display Audio Driver: 6.14.0.3081', and the date 'January 04, 2012'. Below this is a note: '* NOTE: This document refers to systems containing the following Intel processors/chipsets:'. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'. The footer says 'Intel® Installation Framework'.</p>
<p>4. Click "Next".</p>	 <p>The screenshot shows the 'Intel® Graphics Media Accelerator Driver' installation window. The title bar reads 'Intel® Graphics Media Accelerator Driver'. The main heading is 'Intel® Graphics Media Accelerator Driver' with the Intel logo. Below it is 'Setup Progress'. A text block says: 'Please wait while the following setup operations are performed:'. A scrollable text area lists several operations: 'Copying File: C:\Program Files\Intel\Intel(R) Graphics Media Accelerator Driver\install\th-TH', 'Copying File: C:\Program Files\Intel\Intel(R) Graphics Media Accelerator Driver\install\tr-TR', 'Copying File: C:\Program Files\Intel\Intel(R) Graphics Media Accelerator Driver\install\zh-CN', 'Copying File: C:\Program Files\Intel\Intel(R) Graphics Media Accelerator Driver\install\zh-TW', 'Copying File: C:\Windows\system32\dfxapi.dll', 'Deleting Registry Key: HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\HDMI', and 'Deleting Registry Key: HKLM\SOFTWARE\Intel\VGDI'. Below the list is a progress bar and the text 'Click Next to continue.'. At the bottom right is a 'Next >' button. The footer says 'Intel® Installation Framework'.</p>
<p>5. Select "Yes, I want to restart this computer now." Click "Finish".</p>	 <p>The screenshot shows the 'Intel® Graphics Media Accelerator Driver' installation window. The title bar reads 'Intel® Graphics Media Accelerator Driver'. The main heading is 'Intel® Graphics Media Accelerator Driver' with the Intel logo. Below it is 'Setup Is Complete'. A text block says: 'You must restart this computer for the changes to take effect. Would you like to restart the computer now?'. There are two radio button options: 'Yes, I want to restart this computer now.' (which is selected) and 'No, I will restart this computer later.'. Below this is the text: 'Click Finish, then remove any installation media from the drives.'. At the bottom right is a 'Finish' button. The footer says 'Intel® Installation Framework'.</p>

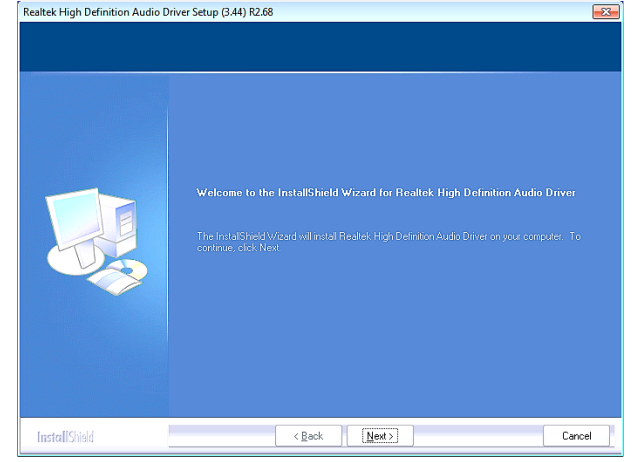
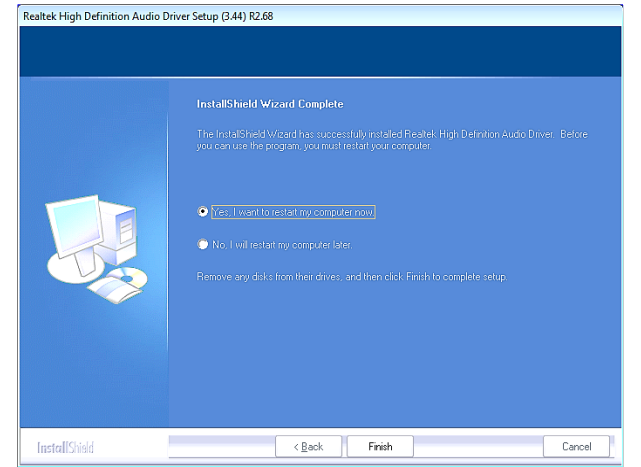
LAN Driver

Note: Due to the small screen size of the OMI6707, part of the window that allows you to make your selection with a mouse or touch is hidden. Attach a USB keyboard and press enter for each step to select the default selection (Next, Install and Finish) as shown in the illustrations below.

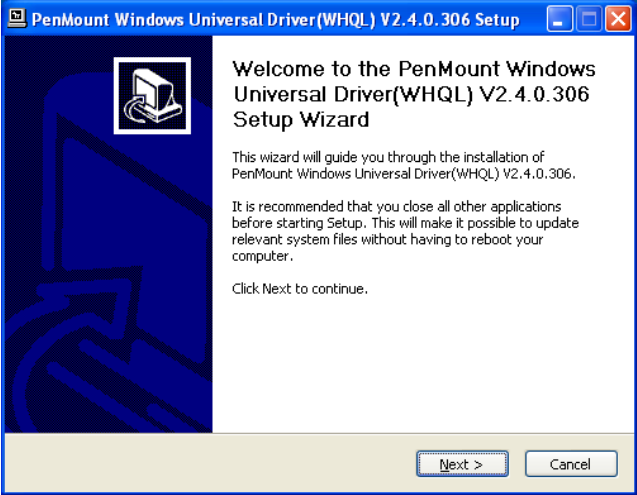
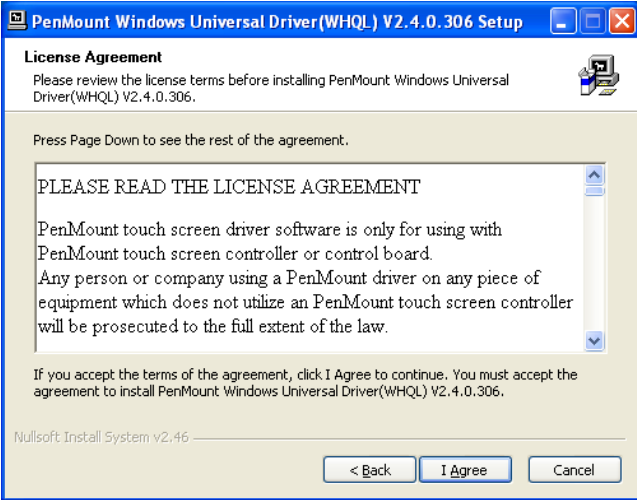
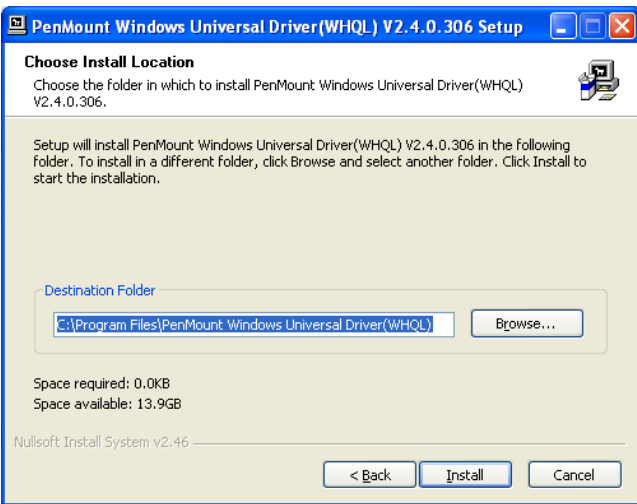
<p>1. Open the following file:</p> <p>Drivers\LAN\Install_Win7_7061_09202012\ Setup.exe</p> <p>Click "Next" to continue.</p>	
<p>2. Click "Install" to begin the installation.</p>	

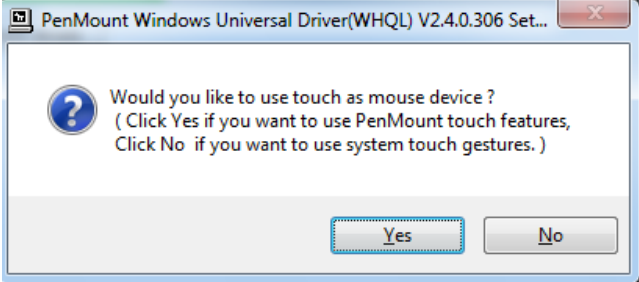
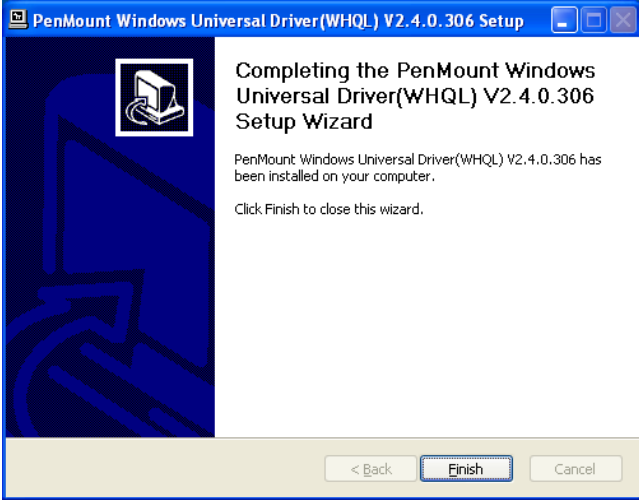
<p>3. Click “Finish” to exist the wizard.</p>	
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Audio Driver

<p>1. Open the following file: Drivers\Audio\Vista_Win7_R268.exe Click “Next” to continue.</p>	
<p>2. Select “Yes, I want to restart this computer now.” Click “Finish”.</p>	

Touch Screen Driver

<p>1. Open the following file:</p> <p>Drivers\Touch Driver\PenMount Windows Universal Driver V2.4.0.306(WHQL)\Setup.exe</p> <p>Click “Next” to continue.</p>	
<p>2. Read license agreement.</p> <p>Click “I Agree”.</p>	
<p>3. Choose the folder in which to install PenMount Windows Universal Driver.</p> <p>Click “Install” to start the installation.</p>	

<p>4. Click "Yes".</p>	
<p>5. Click "Finish" to complete installation.</p>	

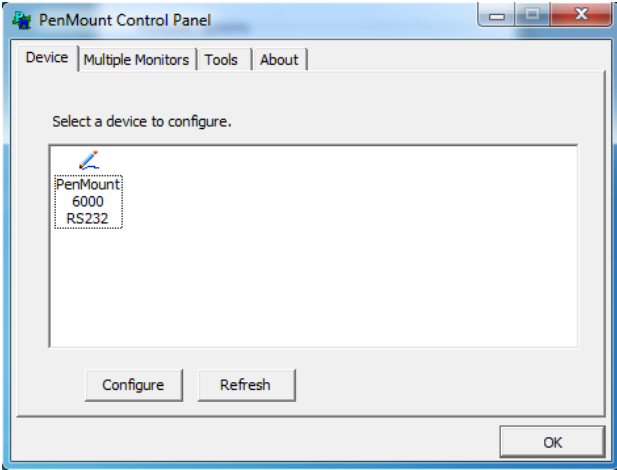
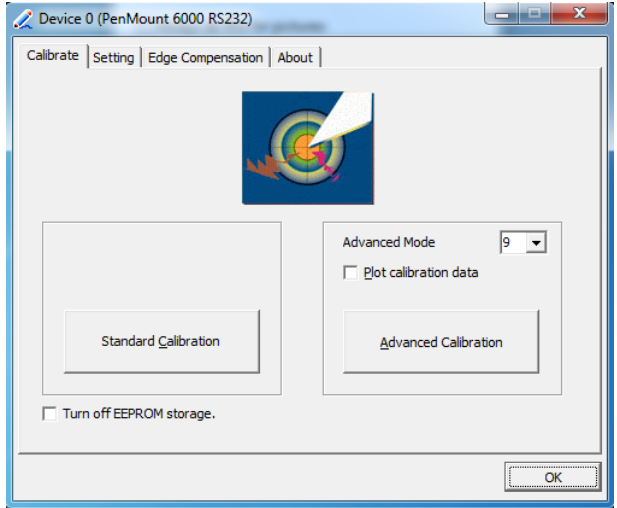
TOUCH SCREEN

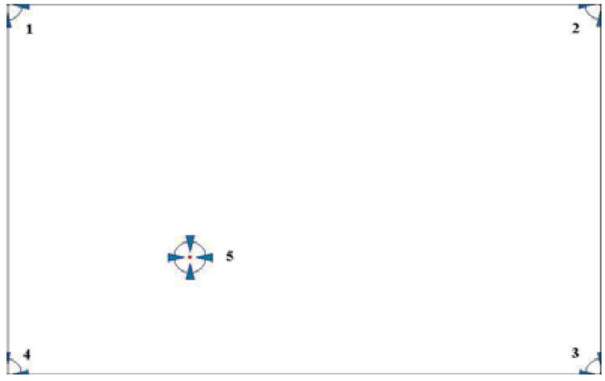
The OMI6700 Series includes an analog resistive touch screen. An application is pre-loaded onto your OMI6700 Series which allows you to calibrate and change the settings of the touch screen.

Touch Screen Calibration

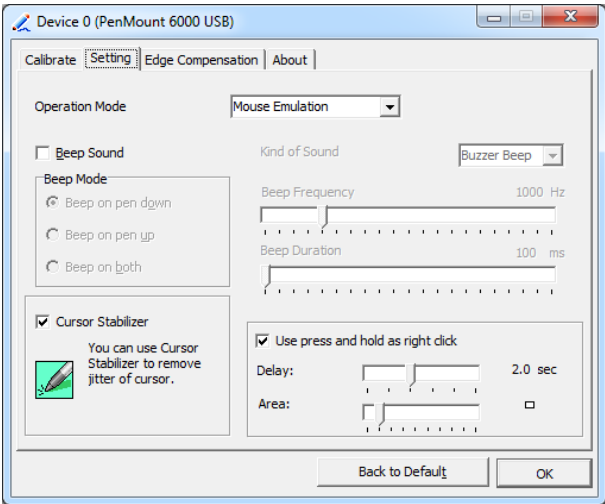
The touch screen may need to be recalibrated from time-to-time. There are two calibration methods: ‘Standard Calibration’ and ‘Advanced Calibration’:

- **Standard Calibration:** The simpler of the two methods, this method can be used for most touch screen calibrations required.
- **Advanced Calibration:** As your OMI6700 ages, the touch screen may require finer adjustments which can be accomplished using this method.

<p>1. Click “Start”, then “All Programs”, and select “PenMount Windows Universal Driver (WHQL)”.</p> <p>Open the “Utility” folder and click “PenMount Control Panel”</p> <p>When the PenMount Control Panel window opens, select “PenMount 6000 RS232” and click “Configure”.</p>	
<p>2. Select “Standard Calibration” or “Advanced Calibration”.</p> <p>“Turn off EEPROM storage”- this option will disable writing any calibration data to the EEPROM controller. Default is enabled.</p>	

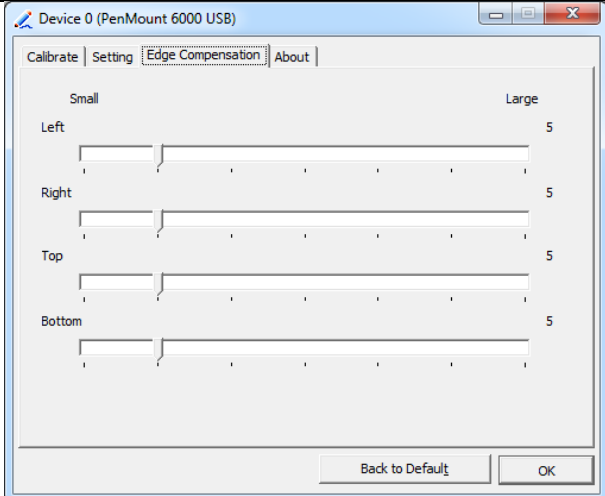
<p>3. For Standard Calibration:</p> <ul style="list-style-type: none"> Click this button and arrows appear pointing to red squares. Use your finger or stylus to touch the red squares in sequence. After the fifth red point calibration is complete. 	
<p>4. For Advanced Calibration:</p> <ul style="list-style-type: none"> Click this button and arrows appear pointing to red squares. Use your finger or stylus to touch the red squares in sequence. After the fifth red point calibration is complete. “Plot calibration data”- this option will display a linearity comparison graph after calibration is complete. The blue lines show linearity before while black lines show linearity after calibration. 	

Touch Screen Settings

<p>1. Operation Mode:</p> <p>This mode enables and disables the mouse’s ability to drag on-screen icons – useful for configuring POS terminals.</p> <ul style="list-style-type: none"> Mouse Emulation – Select this mode and the mouse functions as normal and allows dragging of icons. Click on Touch – Select this mode and mouse only provides a click function, and dragging is disabled. 	
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<p>2. Beep Mode:</p> <ul style="list-style-type: none"> • Enable Beep Sound – turns beep function on and off • Beep on Pen Down – beep occurs when pen comes down • Beep on Pen Up – beep occurs when pen is lifted up • Beep on both – beep occurs when comes down and lifted up • Beep Frequency – modifies sound frequency • Beep Duration – modifies sound duration 	
<p>3. Cursor Stabilizer:</p> <ul style="list-style-type: none"> • Enable the function support to prevent cursor shake. 	
<p>4. Use press and hold as right click</p> <ul style="list-style-type: none"> • You can set the press time length and active area size. 	

Touch Screen Edge Compensation

<p>1. You can use Edge Compensation to calibrate more subtly.</p>	
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