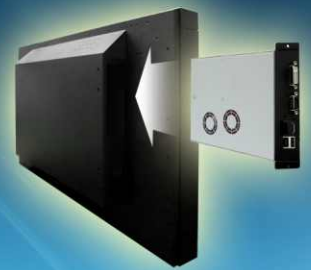


# Modular Smart PC is Now Accelerated By 3G Mobility



After Winmate's Modular Smart Display has gained so much attention from customers in the trade show, now the Modular Smart Display is not only smart, but also accelerated by 3G technology. With the latest 3G technology, it eliminates the needs to setup network infrastructure and wiring, greatly saving your space and money. Modular design brings flexibility and profit to your business for all kinds of exhibition, including such applications as: Promotions, Parties, Awards & Entertainment Events, Public Relations & Industry Press Events, Road Shows, Traveling or Permanent Shows.

## The Advantage of 3G Technology

3G is the third generation of mobile phone standards and technology. 3G networks are wide area cellular telephone networks which evolved to incorporate high-speed internet access and video telephony. 3.5G (HSDPA) is a 3G mobile telephony communications protocol in the High-Speed Packet Access (HSPA) family, which allows networks based on Universal Mobile Telecommunications System (UMTS) to have higher data transfer speeds and capacity. The maximum speed of 3.5G transfer can be up to 14 Mbps! That means you can download a regular MP3 song in less than 5 seconds!!!

Technology	Max. Downlink speed	GSM Generation
GSM CSD	9.6kbit/s	2G
HS CSD Downstream	43.2kbit/s	2G
GPRS Downstream	80kbit/s	2.5G
EDGE Downstream	236.8kbit/s	2.75G
EV-DO	3.1kbit/s	3G
W-CDMA/HSDPA/UMTS	14kbit/s	3.5G

## What Can You do with Ultra High Speed

In the world of data processing, THE FASTER THE BETTER! Including CPU speed, data forwarding, transfer speed, download speed, and upload speed.....Speed determines whether you WIN or LOSE in the highly competitive digital world. Winmate's PC module- OMIA-PRO, OMIG-PRO and Digital Signage Module-OMIA-PRO is capable of both USB and Express Card 3G module, allowing you quickly gain the benefit of 3G technology with your applications.

For Digital Signage, the daily playlist content can easily exceed 1GB or even bigger, so the speed of media transfer is extremely important. The high speed of 3G and 3.5 G makes this technology become very important and reliable to transfer the content to the local Player. This will give you the freedom to design your playlist without worrying about the file size, making your advertisements much more attractive.



OMIA-PRO  
Network player Module

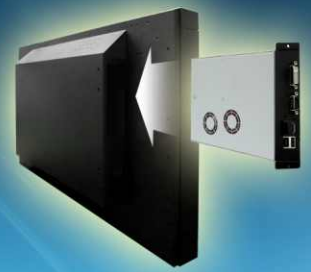


3G Express Card



3G USB Modem

# 3G Technology with Modular Smart Display



## Benefit of 3G + Modular Smart PC

You can find many outstanding features in Modular Smart Display, such as ambient light sensor, Smart Scheduling, Daisy-chain OSD Menu Control, Smart Thermal Design. The Modular Smart Display + PC module is much more powerful with 3G technology. You can go to Internet wherever 3G signal is available, no more tedious Ethernet cable wiring stuff and concern about the distance limitation of WiFi. You can have real-time status check of Digital Signage Player no matter the player is placed in the subway or the top of skyscraper.

### 1. Ambient Light sensor:

Modular Smart display provides a built-in light sensor which automatically adjusts the brightness according to the changes of ambient light. Display will decrease the brightness when the outside is dark, and increase the brightness when the outside is light. This brings best viewing experience to your application.



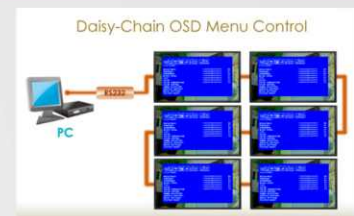
### 2. Smart scheduling:

The smart display provides 7 programmable settings to control power and Video source with date and time



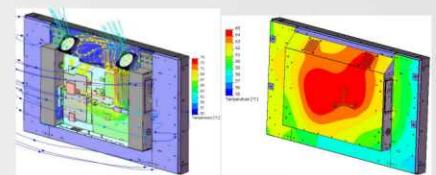
### 3. Daisy-Chain OSD Menu Control :

The smart display also provides RS232 OSD control. With this tool, all settings of the OSD menu can be controlled via a remote PC. The optional daisy-chain function makes the RS232 remote control more powerful. Users can access more than one display that connect together via RS232.



### 4. Smart thermal design:

The built-in temperature sensors and smart fan system provides the best overheating protection. With different ambient temperature, the thermal system will automatically control the fans. It helps reducing power consumption and noise, and make sure the system will work very stable.



### 5. Supports all USB and Express Card 3G module with Windows Driver



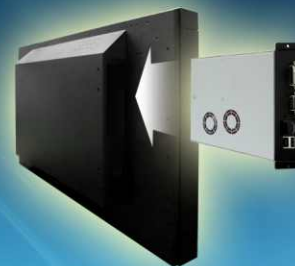
### 6. No more Ethernet cable wiring and WiFi distance limitation



### 7. Enjoy the ultra high speed of network connection



# Modular Smart Display



## Order Information

### OMIG-PRO Flash network player



- Processor : Intel® Core 2 Duo Processor
- BIOS : AMI 4Mbit Flash
- System Chipset : Intel 945GSE / ICH7M Chipset
- System Memory : 1 x DDR2 DIMM, Max 2GB
- Expansion Slot : 1 x Express Card Slot 54mm

### OMD500 Standalone HD player



- Video Format Support : MPEG1, MPEG2, MPEG4, WMV9, AVI, DIVX (max. 1920x1080 SD quality)
- Graphic Format Support : JPEG/ BMP/ PNG)
- Media Update Interface : USB 2.0 Flash Drive device
- Push Button : Max. 8 push buttons for media playback selection
- Touch Screen : Yes, RS232 port support ELO/Premier/ 3M touch screen

### OMIA-PRO Flash network player



- Processor : Intel® Atom N270 1.6GHz Processor
- BIOS : AMI 4Mbit Flash
- System Chipset : Intel 945GSE / ICH7M Chipset
- System Memory : 1 x DDR2 DIMM, Max 2GB
- Expansion Slot : 1 x Express Card Slot 54mm

### W42L100-OML2 Smart Display



- 42 inch Public Display
- Support resolution: 1920\*1080
- High brightness up to 500 cd/m2
- Large number of interfaces and RS232 remote control (Daisy-chain) function
- Overheating protection with temperature controlled fans
- Smart scheduling
- Slot for option Module

### W42L100-OML1 Smart Display



- 42 inch Public Display
- High brightness up to 500 cd/m2
- Large number of interfaces and RS232 remote control (Daisy-chain) function
- Overheating protection with temperature controlled fans
- Smart scheduling
- Slot for option Module

### W42L100-OMA2 Smart Display



- 42 inch Public Display Ultra-narrow border (18 mm)
- High brightness up to 500 cd/m2
- Large number of interfaces and RS232 remote control (Daisy-chain) function
- Overheating protection with temperature controlled fans
- Smart scheduling
- Slot for option Module

### 3 G ExpressCard



3G Express Card

- Compact design
- HSDPA/WCDMA
- HSDPA 7.2Mbps
- Availability with EDGE/GPRS/GSM
- Worldwide Roaming

### 3G USB Modem



3G USB Modem

- Broadband availability anywhere
- Compact Size & Sleek Design
- Auto APN Matching for Global Roaming
- Availability with GSM band

\* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

Rev.	Reasons	Revised Date
1.0	First release	May-05-09