MiniBOX systems and TAP LCD Touch Monitors

A Frequently Asked Question (FAQ) information sheet & Special Price List for OCA Members

Q. What is a MiniBOX?

A. MiniBOX systems are small-form factor PC built with the latest Intel CPU technology and using current PC technologies at their core. They function like any other standard PC and can be used, in office or clinical environment, in the same roles as a standard PC would be used.

Q. Why choose a MiniBOX instead of a regular PC?

A. MiniBOX systems are as powerful as regular PCs, but are much smaller. They are optimized for office and clinical environments, and can be used in the same roles as a regular PC.

Also, due to their small sizes, the MiniBOX systems take much less installation space than a regular PC (as shown by the comparative image on right).

They come with two (2) different installation options (see below), whereas a PC can only be installed in one way: Sitting up. MiniBOX offer versatility over a PC.

Q. What are the MiniBOX installation options?

A. MiniBOX systems, due to their small footprint, can easily be installed on the desktop, or under a desk, without taking up too much space, not like a mini-tower regular PC who is bulky.
MiniBOX systems can also be mounted on the wall using our special wallmount bracket kit.

Because of their inherent small size, MiniBOX are ideal for environment where little room is available, or anywhere a regular PC wouldn't normally fit.

Q. Who makes the MiniBOX systems?

A. MiniBOX systems are Canadian-built, small-form factor PC, built by GenPOS, an OCA partner, at their Montreal facilities.

Q. Who is GenPOS?

A. GenPOS is a well known and recognized touchscreen, All-in-One and PC manufacturer primarily involved in the point-of-service industry. They have been in business for almost 20 years and service clients across Canada and the US. They are recent partners of OCA and will be an asset in helping members acquires a PC solution that fits their needs.

Q. Why should I select to buy from GenPOS?

A. GenPOS' reputation for excellence in their field has been built through many years of high quality product and exemplary customer services. By choosing to deal with them for your needs, you choose to associate your practice directly with the manufacturer rather than with a small reseller and thus benefit from the added-value of direct contact to the manufacturer. Also, by choosing to purchase your products from GenPOS, you buy Canadian!
Keep in mind that GenPOS has been evaluated by the Association and approved as a business partner with whom you can deal in complete confidence.

Q. What's in a MiniBOX (Specifications)?

A. GenPOS' MiniBOX systems have the following specifications:

- Genuine Intel DualCore Atom CPU D525 1.80GHz
- Kingston DDR3-1333 SODIMM Memory (1Gb Standard)
- Western Digital 250Gb SATA Hard Drive
- Gigabit LAN
- Audio, LAN, VGA, PS2, Serial, USB, Printer ports
- Optional Wireless LAN
- Windows XP Pro included
- Dimensions: 58.5mm x 259.5mm x 186mm

Q. What are the specs for the TAP LCD Touch Monitor?

A. TAP LCD touch monitor's have the following specifications:

- Brightness 270cd/m2
- Contrast Ration 600:1
- Resolution 1280 x 1024
- Touchscreen 5W-Resistive
- Response time 5ms
- Interface (Video) SVGA
- Interface (touch) USB + RS232

Q. How much does it cost?

A. All Association members benefit from exclusive pricing, negotiated on your behalf by the Association with GenPOS:

OCA Members Special Price List

Option 1 – Stand-Alone MiniBOX system + Wall-mount LCD Monitor or Desktop monitor	
MiniBOX PC System *(Intel Atom D525 CPU, 1Gb RAM, 160Gb HD, Audio, LAN, VGA, PS2, Serial, USB, Printer port & Windows XP Pro)*	**$499.00**
TAP 19'' LCD Touch Monitor (4:3)	**$499.00**
Wallmount bracket kit	**$29.00**
OR	
Option 2 – Wall-mount Modular Option	
Complete modular Wall-mount kit, with all required brackets: (Includes the following: MiniBOX system + TAP 19'' LCD Touch Monitor + Special Bracket kit for back-to-back mount + Mini VGA Cable + Wallmount bracket)	**$1099.00**
Available options:	
Wireless LAN	*$89.00*
Microsoft Keyboard & Mouse	*$25.00*
External DVD±RW USB Portable Burner	*$79.00*

MiniBOX 7765B Series

MiniBOX systems

- Smallest form factor
- Available with exclusive modular POS housing

58.5mm x 259.5mm x 186mm

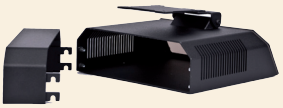
MiniBOX Wall-Mount
Exclusive system to wall-mount your modular All-in-One.

Rear mounted MiniBOX
on LCD monitor

MiniBOX used for Modular POS System

Touch Screen

+



Modular POS Housing

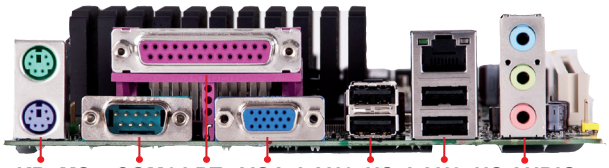
+

MiniBOX PC

=

Final Result = ModPOS
Modular POS system

DualCore MiniBOX (7765B-DC)	
Processor	Intel® processor D525 Dual Core 1.8 GHz fanless
Memory	• Single channel DDR3 with two slots for 1066/800 MHz memory support • Support for up to 4 GB maximum of system memory
Chipset	Intel® NM10 Express chipset
Audio	Intel® High Definition Audio[2] subsytem in the following configuration: • Six channel Intel® High Definition Audio • Front panel mic/headphone header (2x5)
Video	• VGA port
LAN support	Integrated 10/100/1000 network connection Gigalan Ethernet
Peripheral interfaces	• Up to eight USB 2.0 ports (4 external ports, 2 via headers, 1 USB for PCI Express* Mini Card & 1 USB for flash card/SSD) • Two Serial ATA 3.0 Gb/s ports • PS/2 ports (Keyboard and Mouse) • One Serial Header and one serial port • One parallel port
Expansion capabilities	• One PCI conventional bus connector • One PCI Express* Mini card
Warranty	• Standard warranty replacement (SWR)
Options	• SSD Solid state drive 64G/128G • LCD rear-mount bracket • Modular ModPOS housing • 2nd Com optional • Wireless LAN



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LCD "Touch and Performance" Monitor

TAP-19-2RT

Key Features:

- High quality LG LCD panel
- Built-in speakers
- Dual touch interface: USB + serial RS232
- Sturdy metal stand with cable management + 95° tilt
- Industrial grade 5W resistive touch panel
- Easy to use for POS display, information board, industrial field, medical and transportation

Up to 95° tilt

Rear view

Angled view

TAP-19-2RT Specification			
Panel	Cell Type/Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating	
	Aspect Ratio / Size	4:3 / 19" viewable diagonal area	
	Active Area / Pixel Pitch	376.3 (h) x 301.1 (v) mm / 0.294 (h) x 0.294 (v) mm	
	Native Resolution / Colors	1280 (h) x 1024 (v) / 16.7 million	
	Brightness / Contrast	300 cd/m² (typ) / 800 : 1	
	Response Time	< 5 ms	
	Viewing Angle (typical)	H (160° (-80° ~ +80°), V 160° (-80 ~ +80°)	
	Light Source	CCFL, Long life, 50,000 hrs (typ)	
Input Sources	PC System	Signal	Analog RGB (0.7/1.0 V_{p-p}, 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync on Green
		Frequency	F_h 30 - 82Khz., F_v 50 -75Hz
	Audio System	2W speaker x 2	
Input Terminals	1 x VGA (15 Pin Female D-Sub), 1 x PC Audio (Stereo Headphone Jack), 1 x AC Outlet		
Convenient Features	Auto Calibration, Back Light Adjustment, Plus & Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages, Wall Mount Ready (VESA 75 x 75 mm)		
Power	External, with universal /Auto-Sensing, AC Adapter 90 to 260V, 50 / 60 Hz		
Power Consumption	Operation / Power Saving	32 watt, <2 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	0°C~50°C (32°F~122°F), 10%~90% (no condensation)	
Storage Condition	Temperature / Humidity	-20°C ~ 60°C (-4°F ~ 140°F), 10% ~ 90% (no condensation)	
Certification		FCC, CE	
Dimensions	Physical	With Base (W x H x D) : 410 x 395 x 192 mm	
		Without Base (W x H x D) : 410 x 349 x 58 mm	
	Carton	(W x H x D) : 470 x 445 x 142 mm	
Weight	N.W. / G.W.	6.0 Kgs / 7.0 Kgs	

Touch (option)	Resolution	Transparency	Linearity	Durability	Driver
Resistive	2048 x 2048	80% ± 3%	X < 1.0%, Y < 1.0%	35 million times	MS-OS, Linux, QNX
Capacitive	2048 x 2048	88% ± 2%	X < 1.0%, Y < 1.0%	200 million times	MS-OS, Linux, QNX

ENERGY STAR

RoHS Compliant

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