LogicTouch
All-In-One POS System

Model LA3800

POS System Features

- Fanless
- Small foot print
- Rugged and stable construction
- Designed for ease-of-service with modular design and detachable CPU base unit
- High reliability design with no internal cables and moving parts (CF storage)
- Sleek attractive design
- Wide selection of options: MSR, customer display, Wi-Fi, RFID readers

Touch Screen Features

- 15" TFT LCD
- Elo 5-wire resistive, capacitive, or SAW touch panel
- Solid, easy to adjust tilt angle
- Built-in speakers
- Liquid resistant sealed bezel
- Elo driver
- USB/serial touch interface

Computer Features

- High performance Intel Celeron-M chip set
- Fanless operation up to 1GHz CPU speed
- Up to 1GB RAM
- Highly reliable operation - no internal moving parts and no internal cables with compact flash mass storage
- Available CPU speeds: 800MHz and 1GHz, fanless (Above 1GHz with fan)
- Large compliment of available I/O ports: 6 USB 2.0, 4 RS232, 2 independent SVGA, Ethernet, Parallel, PS/2 Keyboards/Mouse, Audio Input/Output, power USB, 2 programmable cash drawer kickouts
- System boots from HDD, CF, USB, or network
- Mass storage choices: HDD, CF, or both HDD and CF

LOGIC CONTROLS®

An Innovative Manufacturer Since 1982

Fanless and Designed for High Reliability

All 800MHz and 1 GHz configurations of the Logic Controls LA3000 integrated POS system are fanless units. Hence the LA3000 is a great fit for retail or hospitality environments where dust or grease may be present or when fan noise is not desirable. For enhanced reliability, the LA3000's single board computer limits the number of internal cables, a common source of loose connections and failures. A true no-moving-parts operation is provided when compact flash is used for mass storage or boot-from-network configurations are employed. Logic Controls also stands behind the quality of its products by providing a 3 year warranty.

Advanced Features to Meet Your Needs

The LA3000 is built to meet the requirements that leading retailers and restaurant operators need from their POS system. A high-quality, bright 15" touch screen provides ample room for screen display and navigation. With hardened antiglare coatings and a high contrast display, the touch screen is ready for almost any POS environment. Recognizing that counter space is premium real estate for most retail and hospitality stores, Logic Controls designed the LA3000 to have a small footprint. The LA3000 also includes two front accessible USB 2.0 ports, special multimedia functionality and built-in speakers for computer-based training, the capability to boot from a network or USB flash drive, and many other important features that operators will value.

Affordable for A Quick Return on Your Investment

Focusing on a quick and significant return on investment is important in every industry, and when margins are tight, it's even more of a strategic imperative. Recognizing that this is an important goal for retail and hospitality operators, Logic Controls has priced the LA3000 POS system to be cost effective for end users, resellers and system integrators. Moreover, the quality of the product also means that long-term cost-of-ownership will be very low.

MAINBOARDS

Choice of Mainboards:

LC8200, Fanless, Intel Celeron-M 800MHz to 1GHz, 400MHz FSB, DDR1 SODIMM up to 1 GB

LC9000, Intel Celeron-M 800MHz to 1GHz without fan, higher than 1GHz with internal fan, 400MHz FSB, DDR1 DIMM up to 1 GB

STORAGE DEVICES

Compact Flash	On-board integrated CF socket
HDD	2.5" HDD

LCD TOUCH PANEL

LCD Size	15" TFT LCD
Resolution	1024 x 768
Colors	16.2 million
Contrast Ratio	400:1
Viewing Angle	120 degree total
Touch Screen	Elo 5-Wire Resistive, Surface Acoustic Wave, or Capacitive

I/O PORTS

USB 2.0	LC9000 CPU Board: 6 USB; Optional 4 USB & one 12V power USB LC8200 CPU Board: 4 USB
Serial	2; Optional 4 serial ports, one with 5 volts power
VGA	1, optional 2nd independent VGA
LPT	1
PS/2 Keyboard	1
Mouse	1
Cash Drawer	Optional 2 cash drawer kick outs on LC9000 board
LAN	1 RJ45 ; 10/100 Base-T on board
Speakers	2 built-in
Audio	Line-In, Line-Out

MECHANICAL

Footprint Dimensions	210mm (W) x 295mm (L)
All-In-One Dimensions	333mm (H) x 310mm (L) x 362mm (W) 380mm wide with MSR
Weight	17 lb
Temperature	Operating: 0 to 40 deg C Storage: -20 to 60 deg C
Humidity	20% to 80% Noncondensing
Tilt Angle	30° to 90° from vertical
Color	Pantone 433C

POWER SUPPLY

Input	Power adapter input: 100 to 240VAC

CERTIFICATION

FCC/CE Class A, Power adapter & touch screen with UL, cUL, TUV

OPTIONS

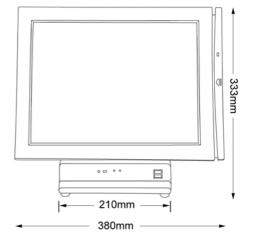|	
Magnetic Stripe Reader	3 Tracks, programmable
Customer Display	VFD, 9.5 mm character height, 20 char by 2 rows
Integrated Wi-Fi Adapter	802.11g
Touch Screen	Capacitive or SAW
2nd VGA	Independent LCD
RF Contactless card Reader	Certified to read MasterCard PayPass, Amex ExpressPay, Visa

Front View

333mm

210mm

380mm

(Front View)

(Back View)