



PCPOS Hardware

J2 580

Integrated Touchscreen Computer

The J2 580 is unique in design. Building on the J2 values and innovative design practices of the past, J2 Retail Systems have produced a product that will not only meet the requirements of retailers today, but future proof their investment for many years to come.

There are 3 main variants of this model available. Utilising the latest technology from Intel the 580 has an entry level specification adopting a fanless approach progressing to the high specification Intel processors that accommodate power hungry applications.



PCPOS
Hardware



Cash
Registers



Embedded
EPOS



Software



HandHeld



Peripherals

J2 580 - Key Features and Benefits

Key Features

- 15" TFT LCD
- Resistive touchscreen
- Thick or thin client technology
- Hard disk drive
- Compact flash
- 3 track MSR option
- ibutton option
- Fingerprint reader option
- 4 external serial ports
- 5 external USB ports
- Secondary display port
- OPOS drivers
- RoHS and WEEE compliant

Benefits

- Low cost of ownership
- Fan or Fanless
- Range of processors to suit all applications
- Base, pole or wall mountable using standard VESA mount
- Easy to maintain and upgrade
- Complete motherboard upgrade can be carried out in less than 10 seconds
- HDD easily accessible as housed on a removable tray
- Compact footprint making it ideal for the space conscious retailer
- Thick or thin client configurations

Options

- MSR
- Customer Display
- Secondary Display
- Biometrics
- Dallas Key
- Wireless LAN
- UPS

Applications

- Bar
- Restaurant
- Quick Service
- Catering
- Retail



J2 580 Specification

System Board

- CPU**
- Intel 1.0 GHz Celeron M, Fan-less
- Intel 1.5 GHz Celeron M 1MB Cache, 400MHz FSB
- Intel 1.8 GHz Pentium M 2MB Cache, 533MHz FSB

Chipset
Intel

Graphic Controller
Intergrated, Intel

Memory
2 Slots, SO-DIMM, up to 2GB

LCD & Touchscreen

LCD
15" TFT 1024x768, chipset scaling for 800x600

Touch Screen
5 Wire Resistive, 35M touches (580RT)

Brightness
250 cd/m2

Software Support

O/S Support
XP, WEPOS (CF or HDD), XP embedded (CF or HDD), Linux, DSL Linux (CF), Windows CE 5.0

OPOS
OPOS driver for MSR, Customer Display, Cash drawers, Finger Printer Reader

I/O Ports

External I/O

Serial
4 RS-232, 2 with +5/12V support, 1 with RS422/RS485 option

USB
5 USB 2.0. 4 in cable well one on side of unit

Parallel 1 ECP/ EPP

Cash Drawer RJ11, 12V or 24V

PS/2 Supported with optional USB-PS/2 adapter

LAN 10/ 100

Audio

Microphone/Line in jack, Headset/Line out jack

Power 19VDC 4.75A, 100~240V~1.4A 50/60Hz adapter in base, locking connector

Internal I/O

USB 2

Serial For internal resistive touch controller

Speakers 2 x 2 watt stereo speakers

Storage

HDD or CF

Quick change, slide in 2.5" Serial ATA (SATA)

HDD or Compact Flash Adapter

Expansion

Mini-PCI One internal Mini PCI slot



Width 365mm Depth 220mm Height 310mm



Connectivity



VESA Capable

www.uniwell.co.uk/j2580



Pole / Wall Mount



Rear View

Option Details

MSR

3 track ISO, OPOS support

Customer Display

Rear Display, 20 Character x 2 Line VFD, 9mm character height, OPOS support

Secondary Display

12" LCD 800x600, standard Windows extended desktop, Power from 580 (optional)

Biometrics

Digital Persona Finger Print reader, J2 MSR/iButton ID emulation software

Dallas Key

Dallas Key iButton reader

Wireless LAN

802.11b/g/n, internal

UPS

Integrated Intelligent Uninterruptible Power Supply, 1½ hour back up

Environment

EMI

CE/FCC Class A

Safety

LVD, External adapter UL c/us, CE, TUV, others

Operating Temperature 0~40°C

To find out more

For more information on the J2 580 and the full range of Uniwell products please visit: www.uniwell.co.uk

To find details of your nearest Uniwell reseller, please contact us using the following details:

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About Uniwell

Uniwell Systems (UK) Ltd is a leading value added distributor of EPOS hardware, software and peripherals.

We have been supplying EPOS systems to the hospitality and retail markets for over 20 years and are part of the Uniwell Corporation global distribution network.