Next-generation Point-of-Sale workstations from Panasonic combines powerful and stylish hardware with legendary quality, services and support. Provide customers speed of service with a synchronized and flexible POS system for operational efficiencies.

DESIGNED FROM DECADES OF EXPERIENCE IN POINT-OF-SALE

The Stingray 4 fuses powerful computing and expandable hardware in a compact curable format, designed specifically for demanding, fast-paced restaurant and retail environments. Available with multiple performance levels, mounting options and peripheral choices, Panasonic’s flexible Stingray 4 workstation is software agnostic and adaptable to the specific needs of your operation.

Benefits & Key Features

**HIGH PERFORMANCE**
- 7th Gen processor in a lightweight, small footprint
- Faster average TTR read/ write speed

**SMART DESIGN & FEATURES**
- 10.1” feet-print with a high-resolution touchscreen
- Accessory options include an external display and fingerprint reader

**TRUSTED DURABILITY**
- Superior dust, water and shock resistance
- Expandable user connectivity, expandability, as per the need

**SERVICE & SUPPORT**
- 3-year warranty
- 24/7 phone support for existing users
- One-year deployment support

ClearConnect™

PROSERVICES
### JS980 Spec Sheet

<table>
<thead>
<tr>
<th></th>
<th>Lite</th>
<th>Mid</th>
<th>Pro</th>
<th>Elite</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Motherboard</strong></td>
<td>D36</td>
<td>D86</td>
<td>D86</td>
<td>D86</td>
</tr>
<tr>
<td><strong>Processor</strong></td>
<td>Intel Celeron Bay Trail J1900 2GHz, 10W</td>
<td>Celeron 3965U Kaby Lake 2.2GHz, 2M, 15W</td>
<td>Intel i3-7100U Kaby Lake 2.4GHz, 3m, 15W</td>
<td>Intel i5-7300U Kaby Lake 2.6GHz, 3m, 15W</td>
</tr>
<tr>
<td><strong>Chipset</strong></td>
<td>CPU Integrated</td>
<td>CPU Integrated</td>
<td>CPU Integrated</td>
<td>CPU Integrated</td>
</tr>
<tr>
<td><strong>System Memory</strong></td>
<td>1x DDR3L SO-DIMM 4GB (8GB Max)</td>
<td>1x DDR3L SO-DIMM 4GB (16GB Max)</td>
<td>1x DDR3L SO-DIMM 8GB (8GB Max)</td>
<td>1x DDR3L SO-DIMM 8GB (8GB Max)</td>
</tr>
<tr>
<td><strong>Storage Device</strong></td>
<td>1x 2.5” 64GB SSD</td>
<td>1x 2.5” 128GB SSD</td>
<td>1x 2.5” 256GB SSD</td>
<td></td>
</tr>
<tr>
<td><strong>Graphics Engine</strong></td>
<td>Intel HD Graphic DX11 and OCL 1.1</td>
<td>Intel HD Graphic DX12 and OCL4.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LCD Size</strong></td>
<td>15” TFT LCD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Brightness</strong></td>
<td>350 nits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>1024 x 768</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Touch Screen</strong></td>
<td>True-Flat PCAP Touch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mini PCI-E Slot</strong></td>
<td>N/A</td>
<td>1x USB3.0, 4x USB2.0</td>
<td>4x USB3.0, 2x USB2.0</td>
<td></td>
</tr>
<tr>
<td><strong>Serial Port</strong></td>
<td>3x RJ48 (powered RS232) (default 0V, COM1,2 0V/5V; COM3 0V12V)</td>
<td>3x RJ45 (powered RS232) (default 0V, COM1,2 0V/5V; COM3 0V12V)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lan</strong></td>
<td>1x RJ45</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cash Drawer</strong></td>
<td>1x RJ11 (12V/24V)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Parallel Port</strong></td>
<td>1x DB15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>VGA</strong></td>
<td>1x 4 Pin (with lock)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DC Jack</strong></td>
<td>N/A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>65W / 19V</td>
<td>90W / 19V</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>WLAN</strong></td>
<td>802.11 a/b/g/n WLAN Card &amp; antenna + BT4.0 (optional)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSR</strong></td>
<td>3 Track MSR (USB) Encryptable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Powered USB</strong></td>
<td>1x 12V / 1x 24V (Requires upgraded Power Supply)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fingerprint</strong></td>
<td>Digital Persona Module (USB)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2nd Display</strong></td>
<td>10.1&quot; (1024x600), 15&quot; (1024x768)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Customer Display</strong></td>
<td>VFD Display 2x20 char</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EMC &amp; Safety</strong></td>
<td>FCC Class A, CE Mark. LVD, cUL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operating Temp</strong></td>
<td>0°C ~ 35°C (32°F ~ 95°F)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Storage Temp</strong></td>
<td>-20°C ~ 60°C (-4°F ~ 140°F)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>20% ~ 85% RH non-condensing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>W x D x H</strong></td>
<td>363 x 229 x 309 mm (14.3” x 9.0” x 12.2”)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Head Unit</strong></td>
<td>4.3kg (9.5lbs)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>W/Stand</strong></td>
<td>6.8kg (15lbs)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Windows 7, POSReady7, Windows 8.1 Industry, Windows 10 IoT Enterprise, Linux (to support all listed OS, special order CPU and motherboards are available)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ONE SOLUTION. ONE PARTNER.
ONE SEAMLESS CUSTOMER EXPERIENCE.

ClearConnect is a holistic solution designed for quick service restaurant (QSR) owners that integrates all your technology to work together, whether it’s Panasonic technology or another vendor’s. ClearConnect increases restaurant efficiency, lowers food and labor costs, and enhances the customer experience, setting your restaurant apart from the competition. Explore how ClearConnect can optimize your restaurant and improve every step of your customers’ journey.

SMART LOCKERS
- Improve counter service
  With smart lockers, take-out and to-go orders can have their own designated space for safe, contactless delivery.
- Fresh food at the ready
  One cubby with dual-temperature modes keeps a hot and a cold order fresh and safe.
- 5-star delivery orders
  Smart lockers make pickup for third-party delivery faster and more efficient.

DRIVE-THRU
- Make it easy for customers to try new or promo items
  With real-time menu modification, you can cross-sell, up-sell and promote dynamically to push real-time offers. Real-time analytics can also be used to automatically customize offers by daypart to lift sales and pre-order margins.
- Increase order accuracy
  Attune Il drive-thru communication system improves sound quality so employees can hear orders clearly and correctly the first time.
- Speed up order time with line busting
  Integrated rugged tablets for line busting move the customer through quickly and reduces wait times.

KIOSKS
- Correct orders = happy customers
  Self-order kiosks make it so customers can input their order exactly how they want.
- Upsell
  When a customer inputs their own order on a kiosk, you can experience up to an average of a 20% increase on the average order.
- Better handle peak times
  Free up employees so they can focus on essential tasks to better handle peak times.
- Attract new customers
  Younger generations prefer self-ordering.
- Promote customer safety
  Kiosks meet the current demands of physical distancing as they can be placed at a six-foot distance.
- Facial recognition makes transactions a breeze
  Integrate Pход™ Facial recognition with the kiosks for streamlined ordering and even payment.

BACK-OFFICE
- Make better-informed decisions
  ClearView analytics take your data, then give you insights on how you can be better prepared for peak times, inventory, purchasing, production planning and more.
- Be prepared for a rush at any time
  With predictive forecasting of sales, guest counts and menu items, you can make sure your restaurant and staff are properly prepared to serve your customers promptly and with the items they want.

SERVICE AND SUPPORT
- Benefit from the latest QSR innovations
  With over 42 years of deploying and supporting solutions in the QSR and fast-casual space, Panasonic offers turnkey solutions that can be implemented natively or à la carte.
- 10+ years
  All aspects of ClearConnect are covered by Panasonic’s legendary history of over a century of innovation.
- Exceptional service and support
  Working with one partner to manage all your tech means that you get quicker and better support, resulting in optimized efficiency and less downtime.

POS
- Serve more customers, faster
  With the variety of point-of-sale (POS) options—fixed, mobile, line busting—you can speed up transaction time and provide exceptional customer service with conversational ordering.
- Modify orders quickly
  With Pісh, our comprehensive QSR POS software solution, it’s easy to accurately input unique orders.
Empower your customers with a dedicated solution for the fast-growing off-premise dining segment with pick-up technology to complement their ordering experience.

With the rapid evolution of Smart Locker technology, Panasonic understands you may have some questions. Here are some of the key items Panasonic has addressed with our Smart Locker technology.

**HOW DO I PROTECT FOOD SAFETY?**
Safety is always key when fulfilling a food order. Why would you want to expose food to contamination, risk, or loss in an open or partially open storage environment? Our Smart Lockers are fully enclosed to guarantee food safety and reduce exposure to risk or loss.

**ONE LOCKER, TWO SOLUTIONS**
Panasonic takes the split locker cubby to a whole new dimension, with the ability to put both hot and cold food in one locker. That’s right – with the split cubby capability, we can even ensure your cold salad and your hot burger are just that.

**WHY WAIT? WE’LL HAVE YOU UP AND RUNNING RIGHT AWAY**
Now that you’ve seen the advantages, why wait? Because the locker solutions can stand-alone, we’ll have you up and running right away, allowing customers to see you in a whole new light.

Bundle all of this with our 40 years of experience in providing turn-key solutions inclusive of hardware, software, design, deployment, and support in a connected environment or as individual solutions to complement existing technologies.

**CONTACTLESS CARRY-OUT IN 3 EASY STEPS**

**STEP 1**
**CUSTOMER ORDERS**
Customer orders through existing mobile app, website, call in, or self-ordering kiosk.

**STEP 2**
**CUSTOMER IS ALERTED**
Order is completed, food is loaded into the locker, and customer receives notification through native app or SMS message.

**STEP 3**
**UNIT IS UNLOCKED**
Upon arrival, the customer enters pin or scans QR code to retrieve their food for a contactless experience.