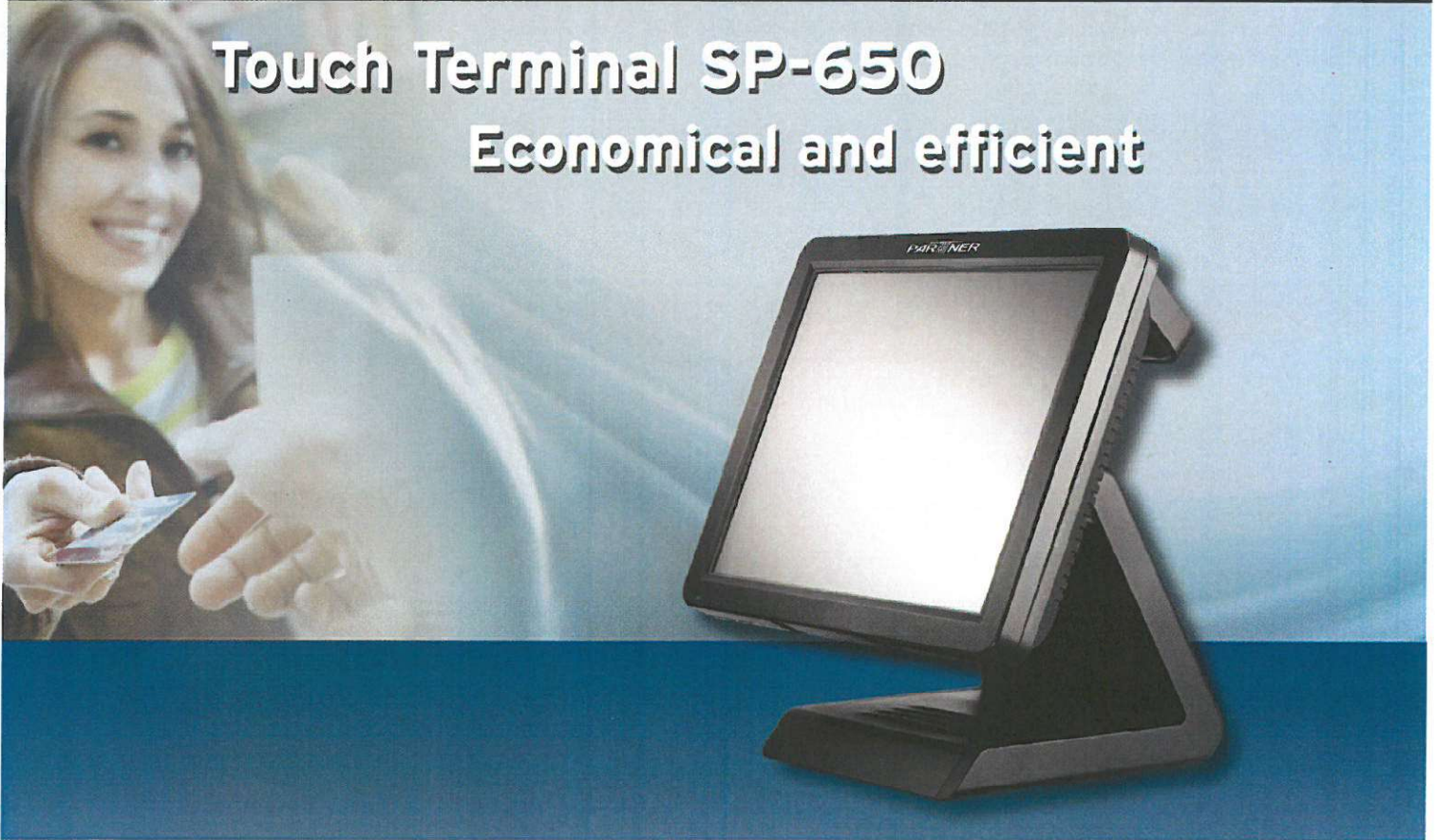


# PARTNER

CARE . TRUST . RESPONSIBILITY

## Touch Terminal SP-650

### Economical and efficient



When demanding economical POS solution and requiring a powerful terminal for today's ever changing POS environment, the SP-650 is the right answer in view cost efficiency and performance.

To meet those requirements, the new SP-650 is equipped with the Intel Celeron J1900 quad core processor, which is of course fanless, to guarantee reliability and low maintenance. Memory wise, up to 8GB RAM will be supported.

The elegant body of SP-650 utilizes 5 wire resistive ELO touch technology for reliable operation at Point-of-Sales. The monitor is flexible and can be adjusted to meet the requirements of any workplace - whether with convenient VESA / wall mount or wide tilt angle.

There are different possibilities to connect a customer display (VFD 2x20 chr.) or a second monitor e.g. for digital signage purposes. To round up the SP-650 Touch POS system, a wide range of helpful POS peripheral options are available.

#### Special Features

- Powerful Intel® Celeron™ J1900 quad core processor
- Supports up to 8GB RAM
- Flexible modular design and dual display support
- Spill and dust resistant front panel, IP 65
- Convenient VESA / wall mount and wide tilt angle monitor
- Green low power consumption

#### Optional

- 1x Mini PCI-e, e.g. to support WiFi module
- Customer display module (2x20 VFD)
- 2nd Monitor support (7", 11.6" or 15")
- 3-track MSR, Smart Card reader, RFID reader, FingerPrint sensor, I-Button/Dallas key/Addimat, LPT port
- Audio connector can be provided as factory option



## Touch Terminal SP-650

### Technical data

Item	SP-650									
CPU	Intel® Celeron™ J1900, 2.00GHz up to 2.42GHz, quad core, 2MB cache, fanless									
LCD	15" TFT-LCD, 350 cd/m <sup>2</sup> , resolution 1024 x 768									
Touch	5 wire resistive ELO touch (PS/2 interface)									
RAM	Up to 8GB (DDR3L)									
LAN	Onboard 10/100/1000 BASE-T Gigabit Ethernet									
Storage	Internal 2.5" SATA HDD, SATA SSD (option)									
I/O Interface	external 3x COM (DC+0/5/12V: COM 1-2 BIOS selection, COM3 by jumper) external 3x USB 2.0 external 1x USB 3.0 1x RJ-45 Ethernet 1x RJ-11 Cash drawer control (for 2 cash drawers) 1x Mini PCI-e 1x ext. VGA for 2nd monitor 1x DC+ 12V Out									
Operating System	Windows 7, POSReady7, Windows 8.1, Linux (ubuntu)									
Power Supply	AC100~240V/DC+12V, 7.5A, 90W power adaptor									
Dimensions	360mm (W) x 240mm (D) x 365mm (H)									
Environment	<table border="1"> <thead> <tr> <th></th> <th>Operating</th> <th>Storage</th> </tr> </thead> <tbody> <tr> <td>Temperature</td> <td>0°C ~ +40°C</td> <td>-20°C ~ +60°C</td> </tr> <tr> <td>Humidity</td> <td>15% ~ 80%</td> <td>15% ~ 80%</td> </tr> </tbody> </table>		Operating	Storage	Temperature	0°C ~ +40°C	-20°C ~ +60°C	Humidity	15% ~ 80%	15% ~ 80%
	Operating	Storage								
Temperature	0°C ~ +40°C	-20°C ~ +60°C								
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Options	Customer display module (2 x 20 VFD), 2nd monitor (CD-70, PM-116 or PM-15BZ), 3-track MSR, Smart Card reader, RFID reader, FingerPrint sensor, I-Button/Dallas key/Addimat, LPT port / Audio connector can be provided as factory option									



15" Touch monitor with 5 wire resistive touch, spill and dust proof front panel, IP65



Flexible and modular design supports customer / dual display options



Wide angle tilt for best operation position