

H-POS Series HP-8550 / HP-8530 / HP-8520

15" Bezel-free H-POS Terminal with High Performance Intel® Atom™ D525 Processor



Features

- 15" Bezel Free TFT LCD with Resistive or P-CAP Touch
- Intel® Atom™ Processor D525 with Fanless Operation
- Support ELO 5-wire Resistive and Projected Capacitive Touch
- Aluminum Die-casting & Plastic Housing
- Sliding PC Box for Easy Maintenance
- Detachable and Stylish Bezel-free Display
- Provide a Seamless and Smooth Surface and Resistant to Water, Dust, Grease, and Food Build-up
- 6 COM, 7 USB (1 x 5V, 1 x 12V), 1 CF II
- Versatile 2nd Display Options
- Device Option: UPS, MSR, iButton, Fingerprint, IC card reader
- RoHS Compliance

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Specifications

System

CPU	Intel® Atom™ Processor D525 1.8 GHz
Cache Memory	1MB 2nd level cache memory
System Chipset	Intel® D525 with ICH8M
System Memory	Minimum 512MB, maximum up to 4GB (SO-DIMM 1 x 200-pin DDR2 667/800)

Storage

HDD Driver	1 x 2.5" SATA HDD bay
SSD	1 x Type II CompactFlash slot

Main Display

Chipset	Intel® Luna Pier Integrated Graphic Controller	
Memory Size	Support Intel® DVMT, Share system memory	
Resolution	15" TFT LCD / 1024 x 768	
Brightness	250cd/m ² (Default) / 350cd/m ² (Adjustable)	
Touch Screen	HP-8550	AL Bezel-free Elo 5-wire resistive touch (Default) AL Bezel-free projected capacitive touch
	HP-8530	Plastic Bezel-free Elo 5-wire resistive touch (Default) Plastic Bezel-free projected capacitive touch
	HP-8520	ELO 5-wire or 5-wire resistive touch

I/O

Serial Port	4 x External: COM1, COM2, COM5 (D-Sub), COM6(RJ-45) 2 x Internal: COM3 (Touch screen), COM4 (VFD)
USB Port	4 x External USB: 4 x rear (2 powered USB: 1 x 5V, 1 x 12V); 3 x Internal USB
VGA Port	Optional 1 x DB15 VGA output
Parallel Port	1 x bi-directional parallel (D-Sub25)
Audio	Line-out (Integrated stereo 2W + 2W speakers)
Ethernet	1 x RJ-45 Gigabit Ethernet (10/100/1000)
Cash Drawer	RJ-11(12V/24V, 1 connector control 2 cash drawer)

Modular Option

Display	• 15" / 12" / 8.9" TFT LCD (Touch / Non-touch) • VFD Display (2x20, 5mm Dot Character)
MSR	MSR only
MSR (2-in-1)	• MSR + iButton • MSR + RFID • MSR + WiFi • MSR + Fingerprint • MSR + IC card reader
MSR (3-in-1)	MSR + iButton + IC card reader
Battery	UPS Battery Pack (max. 10 minutes)

Mechanical & Environmental

Power Supply	90W 19VDC power adapter
Case Material	Aluminum Die-casting & Plastic housing
Color Option	Black
Operation Temperature	0°C ~ 40°C operating
Dimensions & Weight	Metric: 300 (D) x 380 (W) x 387 (H) mm / 14 Kg US: 11.81" (D) x 14.96" (W) x 15.24" (H) / 30.86 lbs
IP65	IP65 sealed front panel with touch screen
EMI / Safety	CE, FCC, RoHS

Software

OS Support	Win2000, XP Pro Embedded, Windows Embedded POSReady 2009, WEPOS, Linux, Windows 7 Pro Embedded
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