




Unattended Payment Terminal Comparison Table

 <p style="text-align: center;">ناب پرداز اکباتان Nab Pardaz Ekbatan</p>		
Title	AMP6500	VALINA
PROCESSOR	32-bit secure processor, Cortex A9, 1.2 GHz	ARM Cortex A9 main processor (600 MHz)
MEMORY	1GB RAM, 8 GB flash memory, Micro SD card up to 32 GB	512 Mbytes RAM, 4 GB Flash
DISPLAY	Full color 5" 720x1280 LCD, capacitive touch screen, signature capture, video capable	3.5", 320 x 480 pixels, 64K colors, backlit LCD, Capacitive touch screen
CONNECTIVITY	Wi-Fi, Bluetooth 4.0, 2G 3G or 4G LTE, RS232, USB host/device, ethernet 10/100, MDB, Micro Fit, TTL interface	USB 2.0 device, USB 2.0 host Ethernet 10/100 and RS232 built in
CERTIFICATION	PCI 5.X certified, EMV 4.3f level I and II contact, CE, FCC	PCI PTS 4.x (SRED and Open Protocols), EMV Co Level 1 contact V4.3
CARD READERS	Triple-track bi-directional magstripe reader, NFC contactless, ISO7811, ISO7812, ISO4443 A/B, MI fare, SIM, SAM, SD card	Contactless - integrated antenna around display, Chip-card reader, Triple-track magstripe-card reader
SYSTEM	Android OS 5.X	Android operating system
PAYMENT SECURITY	3DES Encryption, Master/Session and DUKPT Key Management, supports point-to-point encryption	-
POWER	12V DC, 2A (using Micro Fit), 24 - 45V DC (using MDB), 12 V DC, 2A (using serial)	12 VDC, 2A via Micro-fit, 24 - 45 VDC via MDB 12 VDC, 2A via serial,
ENCLOSURE	IP 65 dust/waterproof rating, IK08 class vandal-proofing, ANSI/UL 94 V-0 flame resistance, -20°C to +70°C operating temp	Operating temperature -20°C to 70°C, storage relative humidity, 5% to 95% RH (non-ondensing)
TOUCH SCREEN	PIN on glass, 5" brilliant full color, anti-glare screen, capacitive touch screen, signature capture	3.5", 320 x 480 pixels 64K colours, backlit LCD capacitive touch screen
RESILIENT	IP 65 dust & waterproof, UL 94 V-0 flame resistance	Directives 1995/5/CE, 2004/108/CE, 2006/95/CE Environmental directives Reach
HIGH SECURITY	PCI 5.X certified, IK08 class vandal-proof	PCI PTS 4.x certified, Complies with SRED and Open protocol modules
MULTIMEDIA	H.263, H.264 and H.265 video codecs, supports most common audio formats, including .wav, .mp3 and .Midi, Supports .jpeg, .gif, .png and .bmp image formats	H.263, H.264 and H.265 video codecs, supports most common audio formats, including .wav, .mp3 and .Midi, Supports .jpeg, .gif, .png and .bmp image formats
TERMINAL MANAGEMENT	Specified AMP TMS, AMP Approved Application Market Place based on Customer Secure Signature Providing Payment Terminal Application and Configuration Plus Advertisement Features Same Videos and Multimedia Type Files	All standard terminal management services are available via XENTURION, which can also be used to enable new features such as video advertising and multimedia
OTHER	Audio Jack to the external speaker, cable management, MDB slave, SIM Card Slot, SAM Card Slot, Micro SD Slot up to 32GB RAM Support	MDB interface (Mini-fit – DC) Micro SD, TTL interface (Micro-fit - IO - DC), 2 SAM slots (type ID 0), External comm board interface