

Chameleon series CM-5500-AR50 / CM-5220 / CM-5200

15" Chameleon POS Terminal with Intel® Atom™ Processor D525 / N270



Features

- 15" TFT LCD with Resistive Touch
- High Performance with Intel® Atom™ Luna Pier Dual Core Processor 1.8 GHz
- Easy Detachable Monitor Bezel & Rear Bezel for Color and Logo Customization
- Plastic Housing
- Cable Free Peripherals
- Versatile 2nd Display Options
- 5 COM, 8 USB, 1 CF II
- Device Options: MSR, i-Button, Finger-print, IC card reader
- Communications Options: RFID, WiFi or Bluetooth
- RoHS Compliance

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Specifications

System

	CM-5220 / CM-5500-AR50	CM-5200
CPU	Intel® Atom™ Processor D525 1.8 GHz	Intel® Atom™ processor N270 1.6 GHz
Cache Memory	1MB 2nd level cache memory	512K 2nd level cache memory
System Chipset	Intel® D525 with ICH8M	Intel® 945GSE with ICH7M
System Memory	- Minimum 512MB, maximum up to 2GB (SO-DIMM 1 x 200-pin DDR2 667/800) - Minimum 2GB, maximum up to 4GB (SO-DIMM 204-pin DDR3 1333) (CM-5500-AR50 Only)	Minimum 512MB, maximum up to 2GB (SO-DIMM 1 x 200-pin DDR2 533)

Storage

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

Main Display

	CM-5220 / CM-5500-AR50	CM-5200
Chipset	Intel® Luna Pier Integrated Graphic Controller	Intel® 945GSE Integrated Graphic Controller
Resolution	15" TFT LCD / 1024 x 768	
Brightness	250cd/m ² / 350cd/m ² (Adjustable)	
Touch Screen	ELO or 5-wire resistive (Default)	

I/O

Serial Port	4 x External: COM1, COM2, COM5(D-Sub), COM6 (VFD) 1 x Internal: COM3 (T/S)
USB Port	4 x External USB: 2 x front-side, 2 x rear-side 4 x Internal USB
VGA Port	1 x DB15 VGA output
Parallel Port	1 x bi-directional parallel (D-Sub25)
Audio	Line-out, Plug ON Disable SPK, 1x Mic-in (Integrated stereo 2W + 2W speakers)
Ethernet	1 x RJ-45 Gigabit Ethernet (10/100/1000)
Cash Drawer	RJ-11(12V, 1 connector control 2 cash drawer)

Modular Option

Second Display	• 8.9"/15" TFT LCD (Touch/Non-Touch) • VFD Display
MSR	MSR only
MSR (2-in-1)	• MSR + iButton • MSR + Finger-print • MSR + IC card reader
MSR (3-in-1)	MSR + iButton + IC card reader
Communication	• RFID(13.56 MHz) • Bluetooth(BT 2.0) or WIFI(802.11b/g)

Mechanical & Environmental

Case Material	Plastic Housing
Color Option	Default Yellow/Gray, Red/Gray, Black/Gray, White/Gray Custom pattern can be made by request
Power Supply	60W 12Vdc power adapter
Operation Temperature	0°C ~ 40°C operating
Dimensions & Weight	Metric: 352 (D) x 375 (W) x 350 (H) mm / 8.5 Kg US: 13.86" (D) x 14.76" (W) x 13.78" (H) / 18.74 lbs
IP65	IP65 sealed front panel with touch screen
EMI / Safety	CE, FCC, RoHS

Software

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