

Model	WMS-42AT	WMS-42BT	WMS-42CT
42" Signage Display Specification			
LCD Panel	Brightness : 500 nits Contrast : 1500:1	Viewing Angle : H:176° / V:176° Response : 6.5 ms (GTG)	Supported Colors: 16.7 M colors Resolution : 1920 x 1080
IR Touch	Interface : Serial RS-232. Baud Rate: 9600. 8 Data Bits, 1 Stop Bit, No Parity, Full Duplex	Hardware : Optical Element Pitch: 5.0 (W) x 5.0 (H) m.m Detection Pitch: 2.5 (W) x 2.5 (H) m.m Minimum Touch Medium Size: 6.5 (W) x 6.5 (H)	Software Resolution: Resolution Based on Controller: up to 4096 x 4096
Display Features	Horizontal : 30 KHz ~ 75 KHz Frequency : 50 Hz ~ 75 Hz Vertical Frequency : 1920 x 1080 (PC / HDMI / DVI)	DDC : DDC 2B OSD Control : Push button, IR remote OSD Language : controller	Video Signal type : RGB Analog / DVI / HDMI
Physical Features	Connector : 15 pin D-Sub / HDMI Power Supply : AC 90 Vac ~ 264 Vac Diagonal : 42"	Dimension (W/O stand): 1047 x 683 x 200 mm (W x H x D) Dimension (W/stand) : 1047 x 693 x 295 mm (W x H x D)	
Environmental	Operating Temperature : 5°C ~ 40°C Temperature : 20 ~ 80%	Storage Temperature : -20°C ~ 60°C Storage Humidity : 10 ~ 90%	
Fanless			
System			
CPU	Supports Intel® Pentium® M, Celeron® M Up to 2.26GHz	mPGA479M socket, Supports Intel® Core™ Duo /Solo processors up to 2.0 GHz (31W)	Socket 775, Intel Core 2 Dual Up to 2.66GHz (65W)
FSB	400MHz / 533MHz		800MHz / 1066MHz
Chipset	Intel® 915GM chipset + ICH6M	Intel® 945GM chipset + ICH7M 945GM integrated graphics utilizing Intel® GMA950 technology	Intel® Q965 chipset: • Intel Q965 Graphic Memory Controller Hub (GMCH) • Intel ICH8 I/O Controller Hub Award BIOS: footprint for both SPI & LPC I/F, support for ACPI, SMBIOS
BIOS	Award BIOS, ACPI supported		Award BIOS: footprint for both SPI & LPC I/F, support for ACPI, SMBIOS
Cache	Built-in CPU L1 & L2 cache	4Mb AMI Flash BIOS	/
VGA	915GM Graphics Media Accelerator 900	/	Intel Q965 integrated graphic subsystem (GMA3000)
LAN	Primary: ICH6M integrated 10/100 BaseT Ethernet Secondary: Marvell 88E8053 PCI Express Gigabit	Intel® 945GM integrated VGA (GMA950) 1 x Realtek RTL8111B Gigabit Ethernet	Intel 82562V Ekron-N 10/100 Marvell 88E8053 PCI-express Gigabit LAN controller x1 (option)
Memory	Ethernet(option) One DDRII sockets supports up to 1GB DDR SDRAM	Two DDR2 SODIMM socket supports up to 2GB	Two 240-pin DDRII 533/667/800 DIMM sockets (2x single channel), supports max. 4 GB system memory
I/O	PC400/533 DDR SDRAM		Winbond W83627EHF
Serial ATA	ICH6M, Winbond W83627HF chipset	ICH7M	Intel ICH8 built-in SATA II controller (3.0Gb/sec) w/ 4 ports
IDE	Supports 2 ports Built in ICH6M: One enhanced IDE channel supports 2 IDE devices; supports UDMA33/66/100	Port x 1 with 150 MB/s transfer rate x 1	Intel ICH8 built-in SATA II controller (3.0Gb/sec) w/ 4 ports JMicron JM368 (PCI-e to PATA) x1 for 1 PATA channel
Audio	ICH6M integrated audio with AC97 codec:	Realtek ALC655 AC97 Audio Codec, 2+2 watts power amplifier	Intel ICH8 built-in high definition audio w/ Realtek ALC885 Codec
WDT	Onboard NS LM4950 amplifier		256 segments, 0, 1, 2... 255 sec/min
USB	Generates system reset: 256 levels	1-255 seconds, software programmable	6 USB 2.0 ports (4 ports in the rear I/O region, 2 ports with on-board headers)
Storage			
HDD			
CD-ROM	Internal drive bay for 3.5" IDE HDD x 1	2.5" SATA HDD drive bay x 1 (with anti-vibration mechanism)	Internal drive bay for 3.5" SATA HDD x 1
DVD-ROM	Optional drive bay for slim type CD/DVD-ROM x 1	/	/
CF	/	/	Drive bay for slim type DVD-ROM x 1 (option)
Mini-PCI	/	1 x bootable Compact Flash slot for CF type I/II storages	/
PCMCIA	/	1 x 32-bit Mini-PCI socket	/
	/	PCMCIA Type I/II 32-bit CardBus slot x 1	/
External I/O			
PCI Slot	32-bit PCI slot x1 (not simultaneously with PCI-E slot)	/	/
PCI-E (x16) slot	Mini-PCI slot x 1	/	/
VGA	PCI-express slot x 1 (not simultaneously with PCI slot)	/	x1
Audio Jack	DB-15 x 1	(Converted from DVI-I connector via cable) x1	DB-15 x 1
USB	RCA Jack 2x1 for Audio (Line-Out & Mic)	Line-in, Line-out, and Mic-in audio jacks	Triple (3x1) phone jack stack connector x1 for High-Definition Audio
COM	USB 2.0 x 4	USB 2.0 x 4	USB 2.0 x 4
KB/Mouse	DB-9 x 1	DB-9 x 6 (RS-232 x 5, RS-232/422/485 x 1)	DB-9 x 2
LAN	PS/2 Connector x2 for keyboard/mouse	PS/2 Keyboard & Mouse x 1	PS/2 Connector x2 for keyboard/mouse
Others	J45 x1 for 10/100 BaseT Ethernet / x1 for Gigabit Ethernet	RJ-45 x 1 (Gigabit Ethernet)	RJ45 x1 for 10/100 BaseT Ethernet / Gigabit Ethernet x1 (option)
DVI	(Option)	/	/
LPT	IEEE1394 (Option) & SPDIF/OUT	DVI-I digital video connector x 1	/
GPIO	VIA daughter B/O x1(option)	DB-25 x 1	/
	/	5 x 2 screw-type external terminal	/