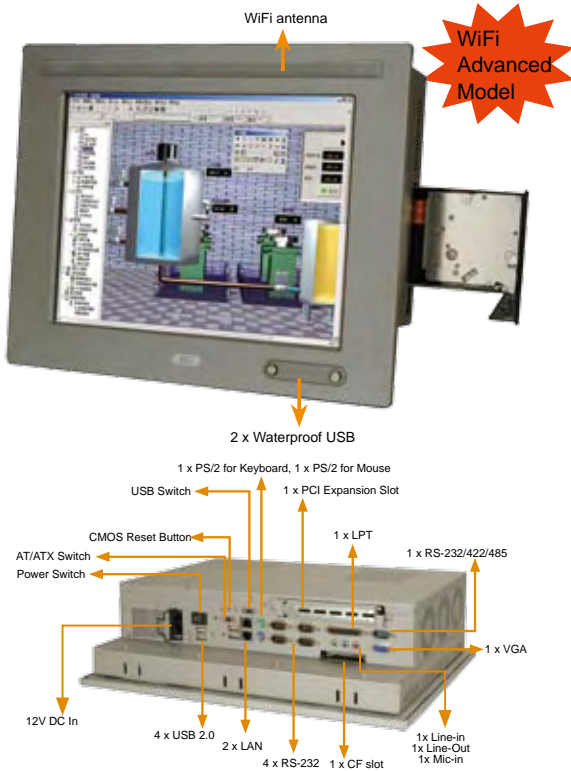


# WIDS-515A/9455 WIDS-517A/9455

Core™2 Duo / Celeron® D Panel PC with  
15" and 17" TFT LCD and Touchscreen



The WIDS series featuring high speed WiFi IEEE 802.11n protocol which builds on previous 802.11 standards by adding multiple-input multiple-output (MIMO) and 40 MHz operation to the physical (PHY) layer. MIMO uses multiple transmitter and receiver antennas to improve the system performance. The 40 MHz operation uses wider bands, compared to 20 MHz bands in previous 802.11 operation, to support higher data rates. Wider bandwidth channels are cost effective and easily accomplished with moderate increases in digital signal processing.

## Features

- LGA 775 Intel® Core™2 Duo / Celeron® D  
FSB 533/800/1066 MHz processor
- Supports two 2.0 GB (max.) 667 MHz DDR2 DIMM
- Dual Gigabit Ethernet support
- Built-in invisible WiFi module supports 802.11 a/b/g/n
- Additional PCI expansion slot capacity  
(Optional PCIe x4 slot with PCIe x1 expansion slot capacity)
- Lockable power connector to ensure secure power cable connection
- Easily accessible external AT/ATX mode selection switch
- External CMOS reset button for fast system recovery
- One Compact Flash® Type II socket
- IP 65 compliant aluminum front panel

## Specifications

Model	WIDS-515A / 9455	WIDS-517A / 9455
LCD	Resolution :1024x768 (XGA) Brightness : 350 cd/m <sup>2</sup> Contrast Ratio : 700:1 Viewing Angle (H-V):140/125 Backlight MTBF : 50,000 hrs	Resolution :1280x1024 (SXGA) Brightness : 300 cd/m <sup>2</sup> Contrast Ratio : 800:1 Viewing Angle (H-V):140/140 Backlight MTBF : 50,000 hrs
CPU	LGA 775 Intel® Core™2 Duo / Celeron® D with a 533/800/ 1066 MHz FSB	
Chipset	Intel® 945G + ICH7R	
Memory	2 x 2 GB (max.) DDR2 667 MHz DIMM (system max. 4 GB)	
VGA	Intel® 945G supports dual display	
SSD	One CF Type II socket	
Drive Bay	1 x 2.5" SATA II HDD bays with anti-shock 1 x Slim Type CD-ROM bay	
Ethernet	2 x PCIe GbE controllers	
Audio	HD Audio Codec with Realtek ALC883	
I/O	1 x RS-232/422/485 4 x RS-232 6 x USB 2.0 (2 waterproof USB in the front of the panel) 2 x PS/2 (KB/MS) 1 x LPT 1 x VGA out	2 x LAN 3 x Audio (Lin-in, Line-out, MIC-in) 1 x CMOS reset button 1 x AT/ATX switch 1 x USB switch
Expansion Slot	One PCI, One Mini-PCIe (for Wireless module), One PCIe x4 with PCIe x1 signal (Optional)	
Touch Screen	5-wire resistive type with RS-232 interface	
Operating Temperature	0°C ~ 50°C	
Storage Temperature	-20°C ~ 60°C	
Vibration	-5~17Hz 0.1" double amplitude displacement, 17~640 Hz 1.5G acceleration peak to peak	
Shock	10G acceleration peak to peak. (11 ms)	
Relative Humidity	5%~ 95% @ 60°C, non-condensing	
Net / Gross Weight	7 kg / 11 kg	8 kg / 12 kg
Dimensions (W x H x D)	410 mm x 329 mm x 124.5 mm	451.98 mm x 375.96 mm x 123 mm
Power Supply	ATX AC-input	AC Input ATX Power Supply 180W, ACE-A618A-RS - Input: 90 ~ 264VAC @ 50/60Hz - Output (max.): 3.3V@14A, 5V@16A, 12V@14A, -12V@0.5A
	ATX DC-input	AC Input ATX Power Supply 220W, ACE-A622A-RS - Input: 90 ~ 264VAC @ 50/60Hz - Output (max.): 3.3V@14A, 5V@16A, 12V@10A, -12V@0.8A
Front Panel Protection	IP 65 compliant	
Certificate	Meets CE, FCC	

