

WIDS-515A/517A

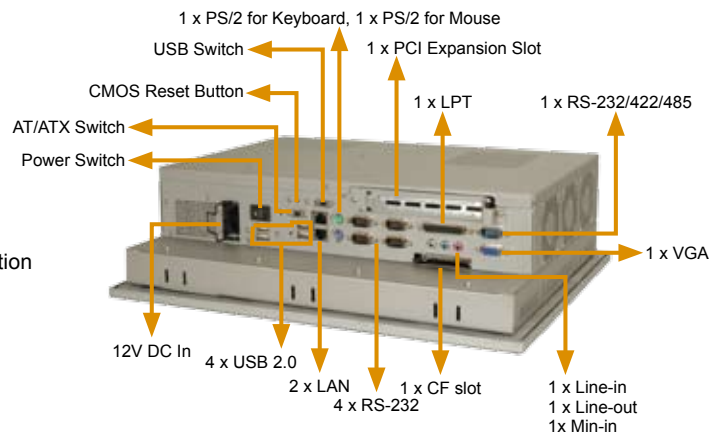
15"/17" Wireless Panel Mount Panel PC

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



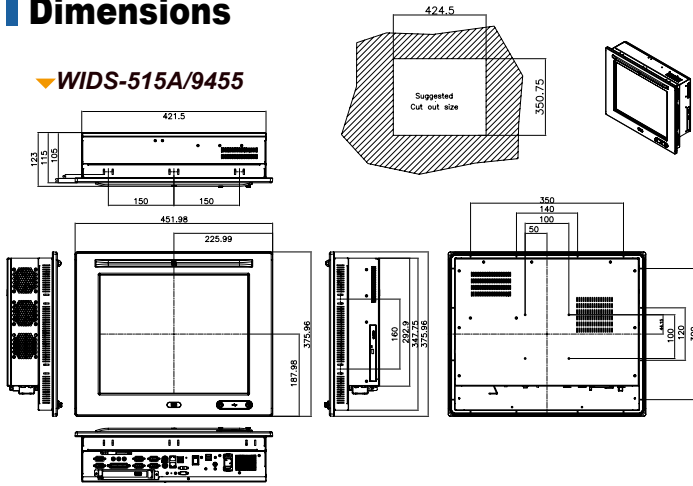
Specifications

Model	WIDS-515A / 9455	WIDS-517A / 9455
LCD	Resolution :1024x768 (XGA) Brightness : 350 cd/m ² Contrast Ratio : 700:1 Viewing Angle (H-V):140/125 Backlight MTBF : 50,000 hrs	Resolution :1280x1024 (SXGA) Brightness : 300 cd/m ² 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 802.11 b/g/n module), One PCIe x1 slot (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	

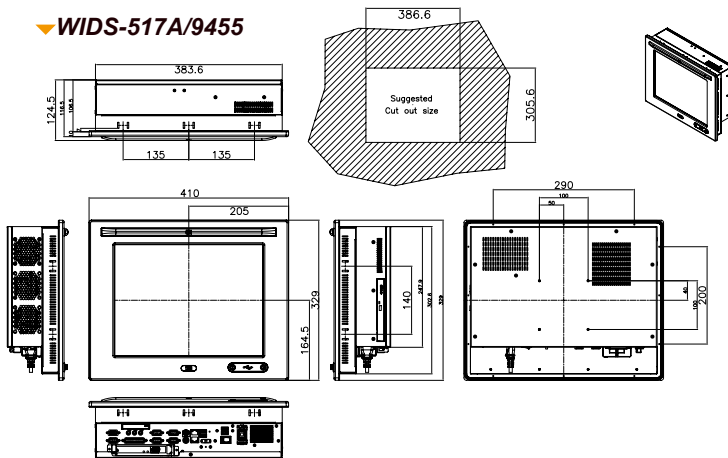


Dimensions

▼ WIDS-515A/9455



▼ WIDS-517A/9455



WiFi 802.11 a /b/g/n WLAN Networking



27 times faster data transfer rate compared to 802.11b

Protocol	Freq. (GHz)	Thru. (Mbit/s)	Data (Mbit/s)	Range indoor (m)	Range outdoor (m)
802.11 a	5 GHz	23	54 Mbit/s	~35	~120
802.11 b	2.4 GHz	4.3	11 Mbit/s	~38	~140
802.11 g	2.4 GHz	19	54 Mbit/s	~38	~140
802.11 n	5 GHz and/or 2.4 GHz	74	300 Mbit/s (2 streams)	~70	~250

IP 65 Security Front USB Port

Designed for industrial use, WIDS waterproof front USB cover is based around the standard USB interface, with USB Ver.2 performance offering data transfer up to 480Mbs.



Front USB function switch allow user to enable or disable the front USB port function. Depends on application and security demands, the system administrator can easily make decision to release the front USB port or not.



Packing List

Part Number	Description	Amount
19600-000078-RS	Screw Kit	1
PK-170M	Panel Mounting Kit	1
WK-190MS-R10	Wall Mounting Kit	1
32000-000002-RS	Power Cord	1
33100-000079-RS	Jumper Pack	1
	User Manual & Driver CD	1

Options

Part Number	Description
19200-000112-RS	IDE CD-ROM Installation Kit (W/O IDE Cable)
32200-000045-RS	40cm CD-ROM IDE Cable
41019-0393C0-00-RS	IDE HDD Bracket
32200-000037-RS	25cm HDD IDE Cable
134D270-00-102-RS	PCIe x4 slot with PCIe x1 Signal Riser Card

IQ Mounting Options

LCD Size	15" Panel PC	17" Panel PC
Panel Mount Kit		PK-170M
Wall Mount Kit		WK-190MS-R10
Rack Mount Kits	RK-150MS-R10	RK-170MS-R10
Stand		STAND-210-RS
ARM		ARM-31-RS

Ordering Information

▼ 15" XGA Touch Panel PC

Power Type	Part Number	Description
AC	WIDS-515A/9455-E2160/A618A/WT-R/1GB	15" 350 cd/m ² XGA Panel PC with POS-9455, Pentium Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, Silver color, PSU ACE-A618A, touch screen, RoHS
DC	WIDS-515A/9455-E2160/4520C/WT-R/1GB	15" 350 cd/m ² XGA Panel PC with POS-9455, Pentium Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, Silver color, PSU ACE-4520C, touch screen, RoHS

▼ 17" SXGA Touch Panel PC

Power Type	Part Number	Description
AC	WIDS-517A/9455-E2160/A622A/WT-R/1GB	17" 300 cd/m ² SXGA panel PC with POS-9455, Pentium Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, Silver color, PSU ACE-A622A, touch screen, RoHS
DC	WIDS-517A/9455-E2160/4520C/WT-R/1GB	17" 300 cd/m ² SXGA panel PC with POS-9455, Pentium Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, Silver color, PSU ACE-4520C, touch screen, RoHS