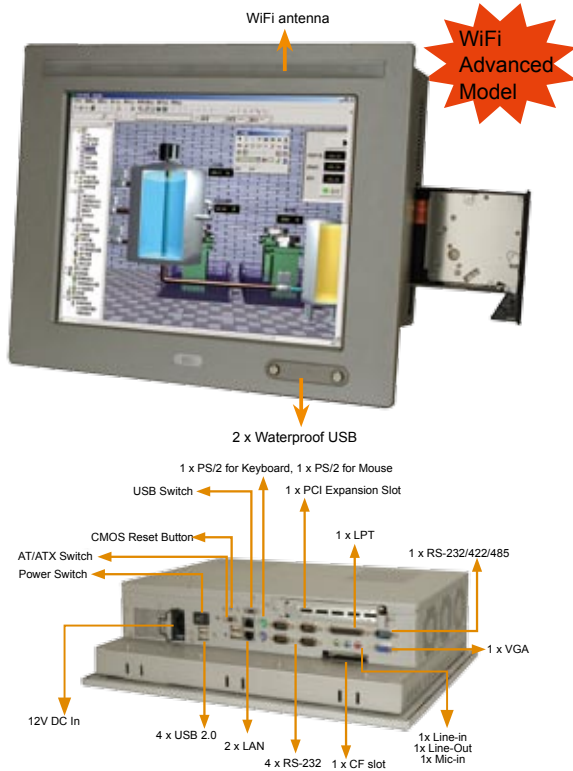


WIDS-515A/9455 WIDS-517A/9455

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.

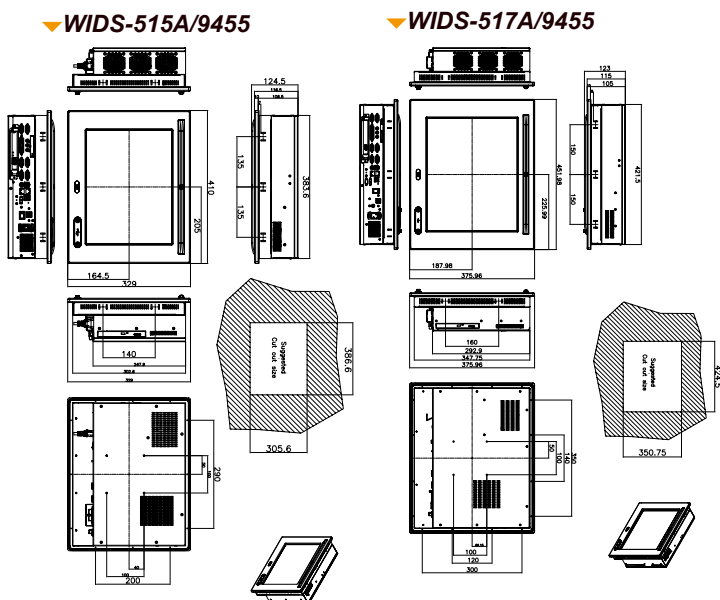
Features

- 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 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 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 | |

Dimensions



WiFi 802.11 a /b/g/n WLAN Networking



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

Packing List

| Part Number | Description | Amount |
|----------------|-------------------------|--------|
| 19600-00078-RS | Screw Kit | 1 |
| PK-170M | Panel Mounting Kit | 1 |
| WK-190MS-R10 | Wall Mounting Kit | 1 |
| 32000-00002-RS | Power Cord | 1 |
| 33100-00079-RS | Jumper Pack | 1 |
| | User Manual & Driver CD | 1 |

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 480Mbps.



Front USB function switch allow user choose 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.



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 a/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 a/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 a/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 a/b/g/n wireless module, Silver color, PSU ACE-4520C, touch screen, RoHS |