

VW-FNL15QF/QW

Intel® Atom™ E3845 Quad Core
Sunlight Readable and Wide Temperature
Full IP65 Seamless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Atom™ E3845 Quad Core
- Resolution 1024 x 768 dp
- Wide temperature: -20°C ~ 55°C
- High Brightness: 2000/1600/1000/800 nit
- Full IP65 Stainless Steel Chassis
- Seamless flat-bezel design
- 2 x USB, 2 x GLAN, 2 x RS232
- VESA mounting

System	
CPU	Intel® Atom™ E3845 Quad Core CPU
Memory	2 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	2
GLAN	2
USB	2
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCIe	1 x Full-size or Half size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V or 19~24V Full IP65 Power Adaptor
Touch Screen	
Touch screen	PCT

Display					
Model Number	VW-FNL15QF (12V)		VW-FNL15QW (19~24V)		
Size	15" TFT (4:3)				
Resolution	1024 x 768				
Colors	16.7 M	16.7 M	16.7 M	16.2 M	16.7 M
Luminance (cd/m2)	2000	1600	1000	1000	800
Contrast Ratio	700:1	700:1	1700:1	700:1	700:1
View Angle (H/V)	160/160	160/160	160/160	160/160	160/160
Mechanical & Environmental					
Operation Temp	-20°C ~ 55°C				
Storage Humidity	10 ~ 90%, non-condensing				
Mount	VESA mounting(100X100mm)				
Dimension (W x H x D mm) & Net Weight	438.2 x 335 x 63 (9kg)				
Optional					
RS232/422/485	1				
RAID	1				

VW-FNL17QF/QW

Intel® Atom™ E3845 Quad Core
Sunlight Readable and Wide Temperature
Full IP65 Seamless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Atom™ E3845 Quad Core CPU
- Resolution 1280 x 1024 dpi
- Wide temperature: -20°C ~ 55°C
- High Brightness: 1600/1000/800 nit
- Full IP65 Stainless Steel Chassis
- All IP65 stainless connectors
- Seamless flat-bezel design
- 2 x USB, 2 x GLAN, 2 x RS232
- VESA mounting

System

CPU	Intel® Atom™ E3845 Quad Core CPU
Memory	2 x 204-pin DDR3L SODIMM up to 8 GB

H/W Monitor

Watchdog Timer	256-Level Watchdog Timer
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I/O Ports

RS232	2
GLAN	2
USB	2

Storage

Storage	1 x SATA 2.0 2.5" HDD/SSD
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Expansion

Mini-PCIe	1 x Full-size or Half size (one w/ mSATA)
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Power Requirement

Power Input Voltage	DC in 12V or 19~24V Full IP65 Power Adaptor
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Touch Screen

Touch screen	PCT
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Display

Model Number	DW-GNL17QF (12V)	DW-GNL17QW (19~24V)	
Size	17" TFT (4:3)		
Resolution	1280 x 1024		
Colors	16.7 M	16.7 M	16.7 M
Luminance (cd/m2)	1600	1000	800
Contrast Ratio	1000:1	1000:1	1000:1
View Angle (H / V)	170/170	160/160	170/170

Mechanical & Environmental

Operation Temp	-20°C ~ 55°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	VESA mounting(100X100mm)
Dimension (W x H x D mm) & Net Weight	470 x 390 x 67.1 (10kg)

Optional

RS232/422/485	1
RAID	1
Full IP65 Power Adaptor	1

VW-FNL19QF/QW

Intel® Atom™ E3845 Quad Core
Sunlight Readable and Wide Temperature
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Feature

- Fanless design and compact solution
- Intel® Atom™ E3845 Quad Core CPU
- Resolution 1280 x 1024 dpi
- Wide temperature: -20°C ~ 55°C
- High Brightness: 1600/1000/800 nit
- Full IP65 Stainless Steel Chassis
- All IP65 stainless connectors
- Seamless flat-bezel design
- 2 x USB, 2 xRS232, 2 x LAN
- VESA mounting

System

CPU	Intel® Atom™ E3845 Quad Core CPU
Memory	2 x 204-pin DDR3L SODIMM up to 8 GB

H/W Monitor

Watchdog Timer	256-Level Watchdog Timer
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I/O Ports

RS232	2
GLAN	2
USB	2

Storage

Storage	1 x SATA 2.0 2.5" HDD/SSD
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Expansion

Mini-PCle	1 x Full-size or Half size (one w/ mSATA)
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Power Requirement

Power Input Voltage	DC in 12V or 19~24V Full IP65 Power Adaptor
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Touch Screen

Touch screen	PCT
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Display

Model Number	VW-FNL19QF (12V)	VW-FNL19QW (19~24V)		
Size	19" TFT (4:3)			
Resolution	1280 x 1024			
Colors	16.7 M	16.7 M	16.7 M	16.7 M
Luminance (cd/m2)	1600	1000	1000	800
Contrast Ratio	1000:1	2000:1	1000:1	1000:1
View Angle (H / V)	170/160	178/178	160/170	170/160

Mechanical & Environmental

Operation Temp	-20°C ~ 55°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	VESA mounting(100X100mm)
Dimension (W x H x D mm) &Weight	521.4 x 434.3 x 67.1 (12kg)

Optional

RS232/422/485	1
RAID	1
Full IP65 Power Adaptor	1

VW-FND21QF/QW

Intel® Atom™ E3845 Quad Core
Sunlight Readable and Wide Temperature
Full IP65 Seamless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Atom™ E3845 Quad Core
- Resolution 1920 x 1080dpi
- Wide temperature: -20°C ~ 55°C
- High Brightness: 1600/1200 nit
- Full IP65 Stainless Steel Chassis
- All IP65 stainless connectors
- Seamless flat-bezel design
- 2 x USB, 2 x RS232, 2 x GLAN
- VESA mounting

System	
CPU	Intel® Atom™ E3845 Quad Core CPU
Memory	2 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	2
GLAN	2
USB	2
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCle	1 x Full-size or Half size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V or 19~24V Full IP65 Power Adaptor
Touch Screen	
Touch screen	PCT

Display		
Model Number	VW-FND21QF (12V)	VW-FND21QW (19~24V)
Size	21.5" TFT (16:9)	
Resolution	1920 x 1080	
Colors	16.7 M	
Luminance (cd/m2)	1600	1200
Contrast Ratio	900:1	1100:1
View Angle (H / V)	170/160	170/160
Mechanical & Environmental		
Operation Temp	-20°C ~ 55°C	
Storage Humidity	10 ~ 90%, non-condensing	
Mount	VESA mounting(100X100mm)	
Dimension (W x H x D mm) &Weight	607 x 401 x67.1 (13kg)	
Optional		
RS232/422/485	1	
RAID	1	
Full IP65 Power Adaptor	1	