

SP-ENXXRF

***Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC***



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SP-ENX12RF

Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Bay Trail Quad Core 2.0GHz CPU (CPU OnBoard)
- Resolution 800 x 600 & 1024 x 768 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x LAN
- Panel mount & VESA mounting & Clips

System	
CPU	Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (CPU OnBoard)
Memory	1 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
VGA	1
Line-Out /MIC In	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCle	1 x Full-size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	SP-ENL12RF	SP-ENS12RF
Size	12.1" TFT (4:3)	
Resolution	800 x 600	1024 x 768
Colors	16.2M	16.2 M
Luminance (cd/m2)	400	500
Contrast Ratio	600:1	700:1
View Angle (H / V)	160/120	160/160
Mechanical & Environmental		
Operation Temp	0 ~ 45℃	
Storage Humidity	10 ~ 90%, non-condensing	
Mount	Clip mount,Panel mount & VESA mounting(75X75mm)	
Dimension (W x H x D mm) &Weight	354.9 x 264.7 x 99 (7.5kg) 354.9x 264.7 x 72(8kg)	
Optional		
PCle Slot	1 (354.9 x 264.7 x 99mm)	
RS232	2	
External antenna	1 or 2	
Second LAN (2 x Memory Slot)	1 (354.9 x 264.7 x 99mm)	
Waterproof Sponge	1	

SP-ENL15RF

Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Bay Trail Quad Core 2.0GHz CPU (CPU OnBoard)
- Resolution 1024 x 768 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x LAN
- Panel mount & VESA mounting & Clips

System	
CPU	Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (CPU OnBoard)
Memory	1 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
VGA	1
Line-Out /Mic In	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCle	1 x Full-size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	15" TFT (4:3)
Resolution	1024 x 768
Colors	16.2M
Luminance (cd/m2)	400
Contrast Ratio	700:1
View Angle (H / V)	160/160
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Clip mount, Panel mount & VESA mounting(100X100mm)
Dimension (W x H x D mm) &Weight	303.7 x 400.9 x 93 (9kg) 303.7 x 400.9 x 71 (10kg)
Optional	
PCle slot	1(303.7 x 400.9 x 93mm)
RS232	2
External antenna	1 or 2
Second LAN (2 x Memory Slot)	1(303.7 x 400.9 x 93mm)
Waterproof Sponge	1

SP-ENX15RF

Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Bay Trail Quad Core 2.0GHz CPU (CPU OnBoard)
- Resolution 1366 x 768 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x LAN
- Panel mount & VESA mounting & Clips

System	
CPU	Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (CPU OnBoard)
Memory	1 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
VGA	1
Line-Out /MIC In	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCIe	1 x Full-size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	SP-END15RF	SP-ENS15RF
Size	15.6" TFT (16:9)	
Resolution	1366 x 768	1920 x 1080
Colors	16.7 M	16.2M
Luminance (cd/m2)	300	400
Contrast Ratio	500:1	500:1
View Angle (H / V)	170/160	140/120
Mechanical & Environmental		
Operation Temp	0 ~ 45°C	
Storage Humidity	10 ~ 90%, non-condensing	
Mount	Clip mount,Panel mount & VESA mounting(100X100mm)	
Dimension (W x H x D mm) &Weight	454 x 272.4 x 75 (13kg)	
Optional		
RS232	2	
External antenna	1 or 2	
Waterproof Sponge	1	

SP-END17RF

Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Bay Trail Quad Core 2.0GHz CPU (CPU OnBoard)
- Resolution 1920 x 1080 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x LAN
- Panel mount & VESA mounting & Clips

System	
CPU	Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (CPU OnBoard)
Memory	1 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
VGA	1
Line-Out / MIC In	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCle	1 x Full-size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	17.3" TFT (16:9)
Resolution	1920 x 1080
Colors	16.7 M
Luminance (cd/m2)	400
Contrast Ratio	600:1
View Angle (H / V)	160/140
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Clip mount, Panel mount & VESA mounting(100X100mm)
Dimension (W x H x D mm) & Weight	483 x 318.5 x 87 (13.5kg) 483 x 318.5 x 73.8 (14kg)
Optional	
PCle slot	1 (483 x 318.5 x 87mm)
RS232	2
External antenna	1 or 2
Second GLAN (2 x Memory Slot)	1 (483 x 318.5 x 87mm)
Waterproof Sponge	1

SP-ENL17RF

Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Bay Trail Quad Core 2.0GHz CPU (CPU OnBoard)
- Resolution 1280 x 1024 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x LAN
- Panel mount & VESA mounting & Clips

System	
CPU	Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (CPU OnBoard)
Memory	1 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
VGA	1
Line-Out / Mic-In	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCIe	1 x Full-size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	17" TFT (4:3)
Resolution	1280 x 1024
Colors	16.7 M
Luminance (cd/m2)	350
Contrast Ratio	1000:1
View Angle (H / V)	140/170
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Clip mount, Panel mount & VESA mounting(100X100mm)
Dimension (W x H x D mm) &Weight	453.5 x 352 x 90 (13kg) 453.5 x 352 x 71 (14kg)
Optional	
PCIe slot	1 (453.5 x 352 x 90mm)
RS232	2
External antenna	1 or 2
Second GLAN (2 x Memory Slot)	1 (453.5 x 352 x 90 mm)
Waterproof Sponge	1

SP-ENX18RF

Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Bay Trail Quad Core 2.0GHz CPU (CPU OnBoard)
- Resolution 1920 x 1080 & 1366 x 768 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x LAN
- Panel mount & VESA mounting & Clips

System	
CPU	Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (CPU OnBoard)
Memory	1 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
VGA	1
Line-Out / Mic-In	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCle	1 x Full-size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	SP-ENS18RF	SP-END18RF
Size	18.5" TFT (16:9)	
Resolution	1920 x 1080	1366 x 768
Colors	16.7 M	16.7 M
Luminance (cd/m2)	350	300
Contrast Ratio	1000:1	1000:1
View Angle (H / V)	170/160	170/160

Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Clip mount, Panel mount & VESA mounting(100X100mm)
Dimension (W x H x D mm) &Weight	521.7 x 317.6 x 95 (13.5kg) 521.7 x 317.6 x 74 (14kg)

Optional	
PCle slot	1 (521.7 x 317.6 x 95 mm)
RS232	2
External antenna	1 or 2
Second GLAN (2 x Memory Slot)	1 (521.7 x 317.6 x 95 mm)
Waterproof Sponge	1

SP-ENL19RF

Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Bay Trail Quad Core 2.0GHz CPU (CPU OnBoard)
- Resolution 1280 x 1024 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x LAN
- Panel mount & VESA mounting & Clips

System	
CPU	Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (CPU OnBoard)
Memory	1 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
VGA	1
Line-Out /MIC In	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCle	1 x Full-size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	19" TFT (4:3)
Resolution	1280 x 1024
Colors	16.7 M
Luminance (cd/m2)	250
Contrast Ratio	1000:1
View Angle (H / V)	170/160
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Clip mount, Panel mount & VESA mounting(100X100mm)
Dimension (W x H x D mm) &Weight	487 x 376.8 x 93.9 (13.5kg) 487 x 376.8x 74.8(14kg)
Optional	
PCle slot	1 (487 x 376.8 x 93.9 mm)
RS232	2
External antenna	1 or 2
Second GLAN (2 x Memory Slot)	1 (487 x 376.8 x 93.9 mm)
Waterproof Sponge	1

SP-END21RF

Intel Bay Trail D-J1900 Quad Core 2.0 GHz
Fanless Touch Panel PC



Feature

- Fanless design and compact solution
- Intel® Bay Trail Quad Core 2.0GHz CPU (CPU OnBoard)
- Resolution 1920 x 1080 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x LAN
- Panel mount & VESA mounting & Clips

System	
CPU	Intel® Bay Trail D-J1900 2.0GHz Quad Core Processor (CPU OnBoard)
Memory	1 x 204-pin DDR3L SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
VGA	1
Line-Out /Mic-In	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCle	1 x Full-size (one w/ mSATA)
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display	
Size	21.5" TFT (16:9)
Resolution	1920 x 1080
Colors	16.7 M
Luminance (cd/m2)	300
Contrast Ratio	3000:1
View Angle (H / V)	178/178
Mechanical & Environmental	
Operation Temp	0 ~ 45°C
Storage Humidity	10 ~ 90%, non-condensing
Mount	Clip mount, Panel mount & VESA mounting(100X100mm)
Dimension (W x H x D mm) &Weight	581.3 x 337.2 x 93.6(13.5kg) 581.3 x 337.2 x 74(14kg)
Optional	
PCle slot	1 (581.3 x 337.2 x 93.6 mm)
RS232	2
External antenna	1 or 2
Second GLAN (2 x Memory Slot)	1 (581.3 x 337.2 x 93.6 mm)
Waterproof Sponge	1