

MP-NL.NN

Fanless Intel D-J1900 Quad Core 2.0 GHz
Removable bezel Panel PC



Integral
System

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MP-NLX10RF

6th Gen Intel® Core™ Celeron / i3/i5
Removable bezel Panel PC



Feature

- Fanless design and compact solution
- 6th Gen Intel® Core™ Celeron / i3/i5
- Resolution 1024 x 768 & 800 x 600 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 1 x VGA, 1 x HDMI ,2 x GLAN
- In wall mount

System	
CPU	6th Gen Intel® Core™ Celeron 3955U i3-6100U/i5-6300U
Memory	1 x 204-pin DDR3L 1600 MHz SODIMM up to 8 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	2
USB	4
VGA	1
DP++	1
Storage	
Storage	1 x SATA 2.0 2.5" HDD/SSD
Expansion	
Mini-PCle	1 x Full-size (one w/ mSATA) 1 x Half Size
Power Requirement	
Power Input Voltage	DC in 12V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	RP-NLS10RF	RP-NLL10RF
Size	10.4" TFT (4:3)	
Resolution	1024 x 768	800 x 600
Colors	16.2 M	16.2 M
Luminance (cd/m2)	350	230
Contrast Ratio	1200:1	500 : 1
View Angle (H / V)	176/176	160 / 130
Mechanical & Environmental		
Operation Temp	0 ~ 45°C	
Storage Humidity	10 ~ 90%, non-condensing	
Mount	In wall mount	
Dimension/ (W x H x D, mm) Weight	302 x 224 x 71 mm (4.5 kg)	
Optional		
Black Wall Box	1	

MP-NNX12RF/RW

6th Gen Intel® Core™ Celeron /i5/i7

Removable bezel Panel PC



Feature

- Fanless design and compact solution
- 6th Gen Intel® Core™ Celeron/ i5/i7 CPU
- Resolution 800 x 600 & 1024 x 768 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 2 x GLAN, 1 x HDMI, 1 x DP++
- In Wall Mount

System	
CPU	6th Gen Intel® Core™ Celeron 3955U i5-6300U/i7-6600U
Memory	2 x 204-pin DDR3L 1600MHz SODIMM up to 16 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	2
USB	4
HDMI	1
DP++	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) 1 x Full-size
Power Requirement	
Power Input Voltage	DC in 12V or 15~36V
Touch Screen	
Touch screen	5-wire resistive

Display			
Model Number	12V	MP-NNL12RF	MP-NNS12RF
	15~36V	MP-NNL12RW	MP-NNS12RW
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°C	
Storage Humidity		10 ~ 90%, non-condensing	
Mount		In Wall Mount	
Dimension (W x H x D mm) &Weight		354.9x 264.7 x 72(8kg)	
Optional			
Black Wall Box		1	

MP-NNL15RF/RW

6th Gen Intel® Core™ Celeron /i5/i7
Removable bezel Panel PC



Feature

- Fanless design and compact solution
- 6th Gen Intel® Core™ Celeron/ i5/i7 CPU
- Resolution 1024 x 768 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 2 x GLAN, 1 x HDMI, 1 x DP++
- In Wall Mount

System	
CPU	6th Gen Intel® Core™ Celeron 3955U i5-6300U/i7-6600U
Memory	2 x 204-pin DDR3L 1600MHz SODIMM up to 16 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
HDMI	1
DP++	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) 1 x Full-size
Power Requirement	
Power Input Voltage	DC in 12V or 15~36V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	MP-NNL15RF (12V)	MP-NNL15RW (15~36V)
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	In Wall Mount	
Dimension (W x H x D mm) &Weight	303.7 x 400.9 x 71 (10kg)	
Optional		
Black Wall Box	1	

MP-NNL17RF/RW

6th Gen Intel® Core™ Celeron /i5/i7

Removable bezel Panel PC



Feature

- Fanless design and compact solution
- 6th Gen Intel® Celeron ® Core™i5/i7 CPU
- Resolution 1280 x 1024 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 2 x GLAN, 1 x HDMI, 1 x DP++
- In Wall Mount

System	
CPU	6th Gen Intel® Core™ Celeron 3955U i5-6300U/i7-6600U
Memory	2 x 204-pin DDR3L 1600MHz SODIMM up to 16 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
HDMI	1
DP++	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) 1 x Full-size
Power Requirement	
Power Input Voltage	DC in 12V or 15~36V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	MP-NNL17RF (12V)	MP-NNL17RW (15~36V)
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	In Wall Mount	
Dimension (W x H x D mm) &Weight	453.5 x 352 x 71 (14kg)	
Optional		
Black Wall Box	1	

MP-NNL19RF/RW

6th Gen Intel® Core™ Celeron /i5/i7
Removable bezel Panel PC



Feature

- Fanless design and compact solution
- 6th Gen Intel® Core™ Celeron/ i5/i7 CPU
- Resolution 1280 x 1024 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 2 x GLAN, 1 x HDMI, 1 x DP++
- In Wall Mount

System	
CPU	6th Gen Intel® Core™ Celeron 3955U i5-6300U/i7-6600U
Memory	2 x 204-pin DDR3L 1600MHz SODIMM up to 16 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
HDMI	1
DP++	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) 1 x Full-size
Power Requirement	
Power Input Voltage	DC in 12V or 15~36V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	MP-NNL19RF (12V)	MP-NNL19RW (15~36V)
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	In Wall Mount	
Dimension (W x H x D mm) &Weight	487 x 376.8x 74.8(14kg)	
Optional		
Black Wall Box	1	

MP-NND21RF/RW

6th Gen Intel® Core™ Celeron /i5/i7
Removable bezel Panel PC



Feature

- Fanless design and compact solution
- 6th Gen Intel® Core™ Celeron/ i5/i7 CPU
- Resolution 1920 x 1080 dpi
- 5 wires resistive touch solution
- IP65 Silver aluminum front bezel
- 4 x USB, 2 x GLAN, 1 x HDMI, 1 x DP++
- In wall mount

System	
CPU	6th Gen Intel® Core™ Celeron 3955U i5-6300U/i7-6600U
Memory	2 x 204-pin DDR3L 1600MHz SODIMM up to 16 GB
H/W Monitor	
Watchdog Timer	256-Level Watchdog Timer
I/O Ports	
RS232	1
GLAN	1
USB	4
HDMI	1
DP++	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) 1 x Full-size
Power Requirement	
Power Input Voltage	DC in 12V or 15~36V
Touch Screen	
Touch screen	5-wire resistive

Display		
Model Number	MP-NND21RF (12V)	MP-NND21RW (15~36V)
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	In wall mount	
Dimension (W x H x D mm) &Weight	581.3 x 337.2 x 74(14kg)	
Optional		
Black Wall Box	1	