

AR-HxxxFL-PMxxxx

AR-HxxxFL-CMxxxx

HMI with Intel Pentium/Celeron M, Fanless Design, 8"/10.4"  
/12.1"/15"/17"/19" TFT LCD, 256MB DDR, 60GB 2.5" HDD,  
Touch Screen, 2 x USB 2.0, 1 x Giga LAN



## Features



- ✓ Fanless Design
- ✓ Pentium M 1.5/1.7GHz, Celeron M 1/1.5GHz
- ✓ 1 x Giga LAN
- ✓ NEMA 4/IP65 Compliant Front Panel
- ✓ Sealed 4-Wire Resistive Touch Screen
- ✓ Support Panel/VESA 75 Mount

## SPECIFICATION

### System

<b>CPU</b>	Intel Pentium M 1.7/1.5GHz Intel Celeron M 1.5/1GHz (Zero cache)
<b>Memory</b>	1 x 200-pin SO-DIMM socket support 200/266MHz DDR SDRAM up to 1GB

### Display

<b>Panel Size</b>	8"/10.4" SVGA, 12.1" SVGA, 15" XGA, 17"/19" SXGA
<b>Resolution/Luminance</b>	800 x 600 x 250 cd/m <sup>2</sup> (8", 10.4") 800 x 600 x 400 cd/m <sup>2</sup> (12.1") 1024 x 768 x 350 cd/m <sup>2</sup> (15") 1280 x 1024 x 300 cd/m <sup>2</sup> (17", 19")

### Backlight Lifetime

40,000 hrs (8")
20,000 hrs (10.4")
50,000 hrs (12.1", 15", 17", 19")

### Touch Screen

4 Wire Resistive
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### Ethernet

<b>LAN</b>	1 x LAN (Giga bps)
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### Storage

<b>Hard Drive</b>	Space for 1 x 2.5" HDD
<b>SSD</b>	1 x CF socket

### I/O

<b>Serial Port</b>	COM1 (RS-232/422/485), COM2(RS-232)
<b>USB Port</b>	2 x USB2.0
<b>Audio</b>	AC'97 Stereo (MIC, Line-in, Line-out)
<b>Parallel Port</b>	1 x LPT port
<b>Keyboard/Mouse</b>	PS/2 keyboard and mouse connector

### Mechanical & Environment

<b>Construction</b>	Aluminum alloy front panel and metal housing
<b>Dimension (W x D x H)</b>	231mm x 75mm x 176mm (8") 317mm x 74mm x 243mm (10.4", 12.1") 409mm x 82mm x 309mm (15") 439mm x 86mm x 348mm (17") 467mm x 86mm x 379mm (19")

### Fan/Fanless

Fanless
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### Mounting Method

Panel mount, VESA 75
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### Power Supply

DC 11~28V power input (with AC universal input power adapter)
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### Operating Temp.

0~50°C (32~122°F)
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### Storage Temp.

-20~60°C (-4~140°F)
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### Vibration

5-17Hz, 0.1" double amplitude displacement, 17-640Hz, 1.5G acceleration peak to peak
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### Shock

10 to 25Hz (X, Y, Z direction 2G, 30 minutes)
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### Rating

Front panel compliant to NEMA-4/IP 65
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### EMC

CE, FCC class A
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### Ordering Information

<b>AR-H150FL-PM1700</b>	Intel Pentium M 1.7GHz with 15" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H170FL-PM1700</b>	Intel Pentium M 1.7GHz with 17" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H190FL-PM1700</b>	Intel Pentium M 1.7GHz with 19" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H150FL-PM1500</b>	Intel Pentium M 1.5GHz with 15" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H170FL-PM1500</b>	Intel Pentium M 1.5GHz with 17" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H190FL-PM1500</b>	Intel Pentium M 1.5GHz with 19" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H100FL-CM1500</b>	Intel Celeron M 1.5GHz with 10.4" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H120FL-CM1500</b>	Intel Celeron M 1.5GHz with 12.1" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H150FL-CM1500</b>	Intel Celeron M 1.5GHz with 15" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H170FL-CM1500</b>	Intel Celeron M 1.5GHz with 17" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H190FL-CM1500</b>	Intel Celeron M 1.5GHz with 19" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H080FL-CM1G</b>	Intel Celeron M 1GHz with 8" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H100FL-CM1G</b>	Intel Celeron M 1GHz with 10.4" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H120FL-CM1G</b>	Intel Celeron M 1GHz with 12.1" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H150FL-CM1G</b>	Intel Celeron M 1GHz with 15" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H170FL-CM1G</b>	Intel Celeron M 1GHz with 17" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen
<b>AR-H190FL-CM1G</b>	Intel Celeron M 1GHz with 19" TFT LCD, Fanless, 256MB DDR SDRAM, 2.5" 60GB HDD, Touch screen