

Data Sheet

Arial® Server PC Specifications for version 10.x

The Arial Server receives alarm and status signals from pendants, call stations and other devices, processes this information, and relays it to Client computers and messaging devices such as IP and mobile phones, pagers and display signs. The Server also stores the database of system activity and can also act as a Client PC, displaying the Arial software for day-to-day tasks.

Two PC models are available:

- Standard
 - not Wi-Fi enabled
 - less than 1500 devices
- Premium
 - supports the integration of Arial software with the AeroScout Location Engine (ALE)
 - more than 1500 devices
 - any Wi-Fi based Arial system



Recommended minimum configuration for each PC:

Item	Arial Server: Standard PC	Arial Server: Premium PC
CPU	2.8 GHz Intel Core i5 or AMD equivalent	2.8 GHz Intel Core i7 or AMD equivalent
RAM	8 GB	16 GB DDR3 SDRAM
Hard Drive	160 GB	500 GB or more
CD-ROM Drive	DVD-ROM	DVD-ROM or R/W
Keyboard and Mouse	Required	Required
Monitor	1280 x 1024 pixel	1600 x 1200 24-bit Resolution, VGA req'd, DVI optional
Video Card	16 MB, 1280 x 1024 pixel	32 MB, 1600 x 1200, 24-bit
Sound card and speakers	Windows Sound System compatible	Windows Sound System compatible
Serial Ports	None	None
USB	Minimum 4 USB 2.0 at rear, 1 USB 2.0 at front	Minimum 4 USB 2.0 at rear, 1 USB 2.0 at front
LAN Card(s)*	* 100/1000 Mbits Ethernet	* 100/1000 Mbits Ethernet
Wireless NIC	Minimum 802.11 b/g/n, 200 Mbps data throughput	
Operating System	Win7 Pro 64 bit Server 2012 64 bit R2 Enterprise Windows 10 (Pro or Enterprise)	Server 2012 64 bit R2 Enterprise Windows 10 (Pro or Enterprise)
Uninterruptible Power Supply	Recommended	Recommended
Regulatory	FCC Part 15 Class B certified and UL 60950 certified (PC vendor to supply certificate of compliance)	
	* Two (2) LAN cards are required if using both a Network Gateway (Part # 0900-369) and the facility LAN.	