



Certified Hardware

Minimum PC requirement

- **Intel® Core i5** Processor or higher
- S.O.
 - WIN 7 PRO sp1 [64bit]
 - Windows 8/8.1 [64bit]
 - Windows 10 [64bit]
- RAM:
 - 4 GB in case of Windows 7 or Windows 8
 - 8 GB in case of Windows 10
- USB ports
- Network card:
 - TCP/IP supported
 - 100/1000 Mbps
 - 2 network cards in case of unloader LKI PR111
 - 1 network switch in case of FMS Controller (check also the switch is present in case of LKI L111)
- Graphic card *:
 - Nvidia o Radeon (NO integrated graphic card (Ex. Intel) with shared memory)
 - OPEN GL compatible
 - Resolution : 1280x1024 (min)
 - 1024 MB of dedicated memory
- 1 parallel port (in case of parallel security dongle)
- 1 serial card PCI with 1 serial port RS232 - 5V for each device that get NC code (in case of FMS Manager/DNC5). In order to send to 3 or more devices, it is necessary plug a multiseria port.
- Internet Explorer 7.0 or higher
- Microsoft® .NET Framework 3.5 or higher
- Internet connection for remote support

*Regarding ThinkDesign see "CERTIFIED GRAPHIC CARDS FOR THINKDESIGN 2019" .

Recommended PC requirement

- **Intel® Core i7** Processor or higher
- S.O.
 - WIN 7 PRO sp1 [64bit]
 - Windows 10 [64bit]
- RAM:
 - 8 GB in case of Windows 7
 - 16 GB in case of Windows 10
- USB ports
- Network card:
 - TCP/IP supported
 - 100/1000 Mbps
 - 2 network cards in case of unloader LKI PR111
 - 1 network switch in case of FMS Controller (check also the switch is present in case of LKI L111)
- Graphic card *:
 - Nvidia QUADRO
 - Resolution: 1600x900
 - 2GB MB of dedicated memory
- 1 parallel port (in case of parallel security dongle)
- 1 serial card PCI with 1 serial port RS232 - 5V for each device that get NC code (in case of FMS Manager/DNC5). In order to send to 3 or more devices, it is necessary plug a multiseria port.
- Internet Explorer 8.0 or higher
- Microsoft® .NET Framework 3.5 or higher



- Internet connection for remote support

*Regarding ThinkDesign see “CERTIFIED GRAPHIC CARDS FOR THINKDESIGN 2019” .

General recommended settings

- Have administrator rights on local machine during installation
- Have at least Power User rights during utilization of software
- Disable Windows Firewall
- Disable Windows Microsoft Security Essentials
- Disable Windows “Check user” function “ (Win7, Win8, Win10)
- Have read/write rights on the archive folder
- It’s suggested to have domain network configuration instead of workgroup configuration
- All applications are not working in Terminal Server mode
- In case of Windows 2008 Server R2 it’s necessary to open **Control Panel→Firewall Options→Add Exclusion** and enable check “**notify when firewall blocks an application**”

Antivirus recommended settings

- It’s necessary to set correctly any Antivirus or Firewall to guarantee the correct functionality of Amada software. In some cases you could have problems, especially in case you have installed any Antivirus or Firewall with many restrictions.
- You might find some problems when real time protection is checking:
 - Files included into installation folder of programs
 - INI files related to program execution
 - Database EXE file (dbsrv11.exe)
 - Writing in registry

Network “floating” license



All PC’s (network dongle server and client seats) must be joined inside the same domain/workgroup

Requirement in details

32/64 bit Operating System (where not expressly specified)

	processor	S.O	RAM	Graphic card	Notes
DATABASE Server V. 16	Intel i3	Win7/8/10 pro	4 GB	-	<ul style="list-style-type: none"> Windows 2003 Server R2 SP2 compatible Windows 2008 Server R2 compatible Install NET Framework 3.5
MetalDesigner3D V. 16	Intel i3	Win7/8/10 pro	4 GB	NVIDIA 1 GB dedicated memory	<ul style="list-style-type: none"> Graphic card "OpenGL/DirectX compatible" nVidia recommended On Win7x64 DK2 donkey is not supported
Visi2019r2 V. 16	Intel i3	Win7/8/10 pro	4 GB	NVIDIA QUADRO 1 GB dedicated memory	
Linea5 PUNCH/WPM V. 16	Intel i3	Win7/8/10 pro	4 GB	NVIDIA 1 GB dedicated memory	
MD3 V. 16	Intel i3	Win7/8/10 pro	4 GB	NVIDIA 1 GB dedicated memory	
ThinkDesign V. 2019	Intel i5	Win7/8/10 pro (only S.O. A 64 B)IT	4 GB	NVIDIA* 2 GB dedicated memory	<ul style="list-style-type: none"> SDD HD is recommended
FMS Manager V. 16	Intel i3	Win7/8/10 pro	4 GB	-	<ul style="list-style-type: none"> 1 serial card PCI with 1 serial port RS232 - 5V for each device that get NC code (with PCI-EXPRESS or USB converted could be some problems) 1 serial port for each unloader device 2 schede di rete in caso di scaricatore LKI PRIII In order to send to 3 or more devices, it is necessary plug a multiseriale port.
DNC5 V. 15	Intel i3	Win XP/7/8/10 pro	4 GB	-	<ul style="list-style-type: none"> 1 serial card PCI with 1 serial port RS232 - 5V for each device that get NC code (with PCI-EXPRESS or USB converted could be some problems) 1 serial port for each unloader device 2 schede di rete in caso di scaricatore LKI PRIII In order to send to 3 or more devices, it is necessary plug a multiseriale port.
MasterSTORE V. 16	Intel i3	Win7/8/10 pro	4 GB	-	<ul style="list-style-type: none"> Software SIMATIC NET V12 (per main station) PROFUBUS CP 5613 A3 PCI CARD (for main station linked to storage)
Cutplus V. 16	Intel i3	Win7/8/10 pro	4 GB	NVIDIA 1 GB dedicated memory	<ul style="list-style-type: none"> Graphic card "OpenGL/DirectX compatible" nVidia recommended On Win7x64 DK2 donkey is not supported
CSphera V. 1.17	Intel i5	Win7/8/10 pro	8 GB	Resolution 1600x900 1 GB dedicated memory	<ul style="list-style-type: none"> Graphic card "OpenGL compatible"
ISphera V.7.5	Intel i5	Win7/8/10 pro	8 GB	NVIDIA or RADEON 1 GB dedicated memory	<ul style="list-style-type: none"> NO integrated graphic card (ex. Intel) with shared memory



Autopol V.03.28.0014	Intel i7	Win7/8/10 pro	12 GB	NVIDIA QUADRO 1 GB dedicated memory	<ul style="list-style-type: none"> • Graphic card "OpenGL compatible" • nVidia recommended • Resolution 1280x1024
I2P V.7.0	Intel i3	Win7/8/10 pro	4 GB		

* CERTIFIED GRAPHIC CARDS FOR THINKDESIGN 2019

Driver release	NVIDIA
362.56	Quadro™ K5200, K4200, K2200, K620
362.56	Quadro™ K5000, K4000, K2000, K600
362.56	Quadro™ 6000, 5000, 600
341.95	Quadro™ 400
341.95	Quadro FX™ 5800, 4800, 3800, 1800, 580, 380
341.95	Quadro FX™ 5600, 4600
341.95	Quadro FX™ 4700, 3700, 1700, 570, 370
311.50	Quadro FX™ 3450 (Solo per Windows 7 e 8. No driver per Windows 8.1 e 10)
307.45	Quadro FX™ 5500, 4500, 4000, 3500, 1500, 1400, 560, 550, 540 (Solo per Windows 7 e 8. No driver per Windows 8.1 e 10)
270.71	Quadro FX™ 3400/4400 (Solo per Windows 7. No driver per Windows 8, 8.1 e 10)

Driver release	AMD
15.201.2401	FirePro™ W5100, W5000 , W4100, W2100