

ROUTERS & VPN GATEWAYS

| | PREVIEW | NEW | NEW | PREVIEW | LANCOM | PREVIEW | PREVIEW | PREVIEW | NEW | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | |
|--|------------|------------|---------|-----------|--------|-----------|---------|---------|------------|---------|--------|---------|--------|---------|------------|--------|--------|---------|--------------|---------|----------|----------|----------|
| | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | |
| | 1926VAG-5G | 1926VAG-4G | 1926VAG | 1900EF-5G | 1900EF | 1800EF-5G | 1800EFW | 1800EF | 1790VA-4G+ | 1790VAW | 1790VA | 1790-4G | 1790EF | 1781EW+ | 1780EW-4G+ | 1640E | 730VA | 730-4G+ | IAP-1781VAW+ | IAP-4G+ | ISG-8000 | ISG-4000 | ISG-1000 |

| Item no. | 62124 (EU) | 62123 (EU) | 62122 (EU) | 62132 (EU) | 62105 (EU) 62106 (WW) | 62140 (EU) | 62139 (EU) | 62138 (EU) | 62136 (EU) | 62111 (EU) | 62110 (EU) | 62112 (EU) | 62117 (EU) | 62046 (EU) 62047 (UK) | 61712 (EU) 61713 (UK) | 61084 (EU) 61085 (WW) | 62073 (EU, over ISDN) | 61705 (EU) | 69032 (EU, over ISDN) | 61715 (EU) | 61077 (EU) | 61075 (EU) | 61073 (EU) |
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Hardware features

| WAN connection | 1x 5G, 2x VDSL / ADSL2+ (Supervectoring) or 1x G.Fast, 1x SFP / TP combo, 1x Gigabit Ethernet | 1x LTE-Advanced, 2x VDSL / ADSL2+ (Supervectoring) or 1x G.Fast, 1x SFP / TP combo, 1x Gigabit Ethernet | 2x VDSL / ADSL2+ (Supervectoring) or 1x G.Fast, 1x SFP / TP combo, 1x Gigabit Ethernet | 1x 5G, 1x SFP / TP combo, 1x Gigabit Ethernet | 1x SFP / TP combo, 1x Gigabit Ethernet | 1x 5G, Gigabit Ethernet, SFP | Gigabit Ethernet, SFP | Gigabit Ethernet, SFP | VDSL2 / ADSL2+ (Supervectoring), LTE-Advanced / HSPA+ / UMTS | VDSL2 / ADSL2+ (Supervectoring) | VDSL2 / ADSL2+ (Supervectoring) | Gigabit Ethernet, LTE-Advanced / HSPA+ / UMTS | Gigabit Ethernet, SFP | Gigabit Ethernet | Gigabit Ethernet, LTE-Advanced / HSPA+ / UMTS | Gigabit Ethernet | VDSL2 / ADSL2+ | LTE-Advanced / HSPA+ / UMTS | VDSL2 / ADSL2+ | LTE-Advanced / HSPA+ / UMTS | Gigabit Ethernet, SFP, SFP+ | Gigabit Ethernet, SFP, SFP+ | Gigabit Ethernet, SFP |
|--|---|---|--|---|--|--|--|--|--|---|---------------------------------|---|------------------------------------|------------------------------------|---|------------------------------------|----------------------------|--|---|-----------------------------|---|--|---|
| ISDN ports | 2x NT | 2x NT | 2x NT | – | – | – | – | – | – | – | – | – | – | ISDN S0 | – | – | – | – | – | – | – | – | – |
| Analog ports | 4x a/b | 4x a/b | 4x a/b | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Load balancing of multiple DSL connections | 4x | 4x | 4x | 4x | 4x | 4x | 4x | 4x | 4x | 4x | 4x | 4x | 4x | 4x | 2x | 2x | 2x | – | 4x | – | 4x | 4x | 4x |
| Wireless LAN | – | – | – | – | – | – | 1,775 Mbps IEEE 802.11ax | – | – | 867 Mbps IEEE 802.11ac or 300 Mbps IEEE 802.11n | – | – | – | 450 Mbps IEEE 802.11 a/b/g/n | 867 Mbps IEEE 802.11 ac/a/n | – | – | – | 867 Mbps IEEE 802.11ac or 300 Mbps IEEE 802.11n | – | – | – | – |
| Ethernet ports | 4x Gigabit Ethernet switch, 1x WAN + SFP | 4x Gigabit Ethernet switch, 1x WAN + SFP | 4x Gigabit Ethernet switch, 1x WAN + SFP | 4x Gigabit Ethernet switch, 1x WAN + SFP | 4x Gigabit Ethernet switch, 1x WAN + SFP | 4x Gigabit Ethernet switch, 1x WAN + SFP | 4x Gigabit Ethernet switch, 1x WAN + SFP | 4x Gigabit Ethernet switch, 1x WAN + SFP | 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch | 3x Gigabit Ethernet switch, 1x WAN | 4x Gigabit Ethernet switch, 1x WAN | 4x Gigabit Ethernet switch, 1x WAN | 4x Gigabit Ethernet switch, 1x WAN | 3x Gigabit Ethernet switch, 1x WAN | 4x Gigabit Ethernet switch | 1x Gigabit Ethernet switch, PoE (IEEE 802.3at) | 2x Gigabit Ethernet switch | 2x Gigabit Ethernet switch | 8x Gigabit Ethernet switch, 2x 10G / SFP+ | 4x combo ports (GE / SFP), 1x Gigabit Ethernet switch, 2x 10G / SFP+ | 4x combo ports (GE / SFP), 1x Gigabit Ethernet switch |
| Switchable ports WAN / LAN / DMZ / monitor | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | – | ■ | ■ | ■ | ■ | ■ |
| Serial interface | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| USB port | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | – | ■ | – | – | – | – | – | – | – | ■ | ■ | ■ |

Functions

| IPSec VPN channels | 25 integrated / 50 / 100 optional | 25 integrated / 50 / 100 optional | 25 integrated / 50 / 100 optional | 25 integrated / 50 / 100 optional | 25 integrated / 50 / 100 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 3 integrated | – | – | 5 integrated / 25 optional | 5 integrated / 25 optional | 250 integrated / 3,000 optional | 200 integrated / 1,000 optional | 100 integrated / 200 optional |
|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------|------------|------------|----------------------------|----------------------------|---------------------------------|---------------------------------|-------------------------------|
| X.509 certificates / CRL & SCEP | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | – | – | ■ | ■ | ■ | ■ | ■ |
| IPv6 + IPv4 (Dual Stack) | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Advanced Routing & Forwarding | 64 contexts | 64 contexts | 64 contexts | 64 contexts | 64 contexts | 16 contexts | 16 contexts | 16 contexts | 16 contexts | 16 contexts | 16 contexts | 16 contexts | 16 contexts | 16 contexts | 16 contexts | 2 contexts | 2 contexts | 2 contexts | 16 contexts | 16 contexts | 256 contexts | 256 contexts | 128 contexts |
| Stateful inspection firewall, intrusion detection, denial-of-service protection | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Voice Call Manager / Session Border Controller | ■/■ | ■/■ | ■/■ | ■/■ | ■/■ | □/□ | □/□ | □/□ | □/□ | □/□ | □/□ | □/□ | □/□ | □/□ | □/□ | □/□ | –/– | –/– | ■/■ | –/– | ■/■ | ■/■ | ■/■ |
| Bandwidth management / IP QoS | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| VLAN, L2 prioritization | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| VRRP | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

The available options can be found at: www.lancom-systems.com/products/software-options

■ available / included □ optional upgrade / addition – not available / unsuitable

BUSINESS VoIP ROUTERS

| LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM | LANCOM |
|-----------|---------|--------|--------|-----------|----------|----------|
| 1793VA-4G | 1793VAW | 1793VA | 1784VA | 883+ VoIP | 883 VoIP | 884 VoIP |

| Item no. | 62116 (EU) | 62115 (EU) | 62114 (EU) | 62065 (EU) | 62088 (EU) | 62080 (EU) | 62082 (EU) |
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|----------|------------|------------|------------|------------|------------|------------|------------|

Hardware features

| VDSL2 / ADSL2+ (Supervectoring), LTE-Advanced / HSPA+ / UMTS | VDSL2 / ADSL2+ (Supervectoring) | VDSL2 / ADSL2+ (Supervectoring) | VDSL2 / ADSL2+ (Supervectoring) | VDSL2 / ADSL2+ | VDSL2 / ADSL2+ (Supervectoring) | VDSL2 / ADSL2+ | VDSL2 / ADSL2+ |
|--|---------------------------------|---|---------------------------------|----------------------------|---------------------------------|------------------------------|----------------------------|
| 1x TE / NT 1x NT | 1x TE / NT 1x NT | 1x TE / NT 1x NT | 1x TE / NT 1x NT | 2x TE / NT 2x NT | 1x TE / NT 1x NT | 1x TE / NT 1x NT | 2x TE / NT 2x NT |
| 4x a/b | 4x a/b | 4x a/b | – | – | 4x a/b | 2x a/b | – |
| 4x | 4x | 4x | 4x | 4x | 4x | 4x | 4x |
| – | – | 867 Mbps IEEE 802.11ac or 300 Mbps IEEE 802.11n | – | – | 300 Mbps IEEE 802.11 a/b/g/n | 300 Mbps IEEE 802.11 a/b/g/n | – |
| 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch | 4x Gigabit Ethernet switch |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| – | – | ■ | ■ | ■ | ■ | ■ | ■ |

Functions

| 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 5 integrated / 25 optional | 3 integrated / 5 / 25 optional | 3 integrated / 5 / 25 optional | 3 integrated / 5 / 25 optional |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|--------------------------------|--------------------------------|
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 16 contexts | 16 contexts | 16 contexts | 16 contexts | 16 contexts | 2 contexts | 2 contexts | 2 contexts |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■/■ | ■/■ | ■/■ | ■/■ | ■/■ | ■/■ | ■/■ | ■/■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

The available options can be found at: www.lancom-systems.com/products/software-options

WLAN CONTROLLERS

| LANCOM | LANCOM | NEW |
|----------|--------|--------|
| WLC-1000 | WLC-30 | WLC-30 |

| Item no. | 61783 (EU) | 61789 (EU) 61807 (WW) |
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Hardware features

| Ethernet ports | 4x combo ports (GE / SFP), 1x Gigabit Ethernet | 5x Gigabit Ethernet |
|--|--|-----------------------------|
| Switchable ports WAN / LAN / DMZ / monitor | ■ | ■ |
| Load balancing of multiple DSL connections | 4x | 4x |
| Hardware encryption accelerator for CAPWAP / TLS and IPsec | ■ | ■ |
| Serial interface | ■ | ■ |
| USB host port / external UMTS modem | ■ | ■ |
| Housing | Metal, 19" | Plastic |
| Power supply | internal power adapter | external power adapter |
| Number of fans | 3 | – ¹⁾ |
| Display | ■ | – |
| Functions | | |
| Number of managed LANCOM access points and WLAN routers | 25 (upgradeable to max. 1,000) | 6 (upgradeable to max. 30) |
| Integrated IPsec gateway | 5 channels | 5 channels |
| Advanced Routing & Forwarding | up to 16 VLAN / IP contexts | up to 16 VLAN / IP contexts |
| Layer-3 tunneling | ■ | ■ |
| WLAN RF Optimization | ■ | ■ |
| Redundancy, controller backup, and load balancing | ■ | ■ |
| Integrated RADIUS server | ■ | ■ |
| Public Spot | ■ | ■ |

¹⁾ Fanless design without rotating parts

